

CATALOGUE
of
Hampden-Sidney
College



One Hundred and Forty-sixth Session

Ending June 14, 1922

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CALENDAR

1922

- JUNE 11—SUNDAY, 11:00 A. M.—Baccalaureate Sermon.
8:00 P. M.—Sermon before the Young Men's Christian Association.
- JUNE 13—TUESDAY, 4:30 P. M.—Meeting of the Board of Trustees.
8:00 P. M.—Joint Celebration of the Union and Philanthropic Literary Societies.
- JUNE 14—WEDNESDAY, 11:00 A. M.—The Annual Commencement Exercises.
1. Presentation of the "Halsey Trophy for Debate."
 2. Presentation of the "George W. Bagby Prize."
 3. Presentation of the Magazine Medals.
- Commencement Address.
Announcement of Honors; Presentation of Diplomas.
Address to Graduates.
Valedictory Address.

VACATION FROM COMMENCEMENT TO SEPTEMBER 13TH

- SEPT. 12—TUESDAY, 10:00 A. M.—Examination of Candidates for Admission to the College.
10:00 A. M. and 3:15 P. M.—Matriculation of Students by the Financial Secretary.
- SEPT. 13—WEDNESDAY, 8:45 A. M.—Morning Chapel.
9:00 A. M. to 2:00 P. M.—Classes meet for Assignment of Work.
3:15 P. M.—Matriculation of Students by the Financial Secretary.
- SEPT. 15—FRIDAY, 8:00 P. M.—Y. M. C. A. Reception.
- NOV. 9—WEDNESDAY, 3:00 P. M.—Senior Orations.
- NOV. 30—THURSDAY—Thanksgiving Day—Holiday.
- DEC. 22—FRIDAY—Examinations end.

1923

- JAN. 2—TUESDAY, 8:45 A. M.—Second term begins. Recitations resumed.
- FEB. 10—SATURDAY, 8:00 P. M.—Intersociety Debate.
- FEB. 22—FRIDAY, 8:00 P. M.—Intermediate Celebration
- APRIL 7—THURSDAY, 3:00 P. M.—Junior Orations.
- MAY 5—SATURDAY—Field Day.

HAMPDEN-SIDNEY COLLEGE

CHARTER

An Act for incorporating the Trustees of Hampden-Sydney.

[May, 1783.]

I. WHEREAS it is represented to the present General Assembly that an Academy has been founded in the county of Prince Edward, and which hath been supported by the generous donations of a few public-spirited citizens for several years past; but that, in order to make the advantages arising therefrom more permanent and diffusive, certain privileges are essentially necessary for conducting the same in future to greater advantage; and this Assembly, warmly impressed with the important advantages arising to every free State by diffusing useful knowledge amongst its citizens, and desirous of giving their patronage and support to such seminaries of learning as may appear to them calculated to promote this great object:

II. *Do hereby enact*, That from and after the passage of this Act, the said Academy shall obtain the name and be called the "College of Hampden-Sydney," and that the Rev. John Blair Smith, Patrick Henry, William Cabell, Senior, Paul Carrington, Robert Lawson, James Madison, John Nash, Nathaniel Venable, Everard Meade, Joel Watkins, James Venable, Francis Watkins, John Morton, William Morton, Thomas Reade, William Booker, Thomas Scott, Senior, James Allen, Charles Allen, Samuel Woodson Venable, Joseph Parke, Richard Foster, Peter Johnson, the Rev. Richard Sankey, the Rev. John Todd, the Rev. David Rice, the Rev. Archibald McRobert, and their successors, are hereby constituted a body politic and corporate, by the name of the "President and Trustees of Hampden-Sydney College," who shall have perpetual succession and a common seal; and that they and their successors by the name aforesaid, shall be able and capable in law to possess, purchase, receive, and retain to them and their successors forever, any lands, tenements, rents, goods, or chattels,

of any kind whatsoever, which may have been given already, or shall in future be given or purchased by them, for the use of the said College, and the same to dispose of in whatsoever manner they shall adjudge most beneficial for the use thereof; and by the same name to sue and implead, be sued and impleaded, answer and be answered, in all courts of law and equity, and, from time to time, under their common seal, to make and establish such by-laws, rules and ordinances, not being contrary to the Constitution or laws of this Commonwealth, as by them shall be thought necessary for the good order and government of the professors, masters and students of the said College.

III. *And be it further enacted*, That the said president and trustees, or any seven of them, shall have full power and authority to meet at such times as they shall think necessary for the examination of any candidates for literary degrees, and they are hereby empowered and authorized to confer those degrees on such students as in their opinion shall merit the same in as ample a manner as any other college in America can do, and to grant testimonials thereof under their common seal, signed by the president and five of the trustees, at least; and that the president and trustees, or any seven of them, are hereby authorized and required to meet at said College, on some day to be appointed by the president, on or before the first day of October next, and then and there to elect and commission, under their common seal, such professors and masters as they shall judge necessary for the purpose of the institution. And that, in order to preserve in the minds of the students that sacred love and attachment which they should ever bear to the principles of the present glorious revolution, the greatest care and caution shall be used in electing such professors and masters, to the end that no person shall be so elected unless the uniform tenor of his conduct manifests to the world his sincere affection for the liberty and independence of the United States of America.

IV. *And be it further enacted*, That the president and trustees or any ten of them, shall elect by ballot a treasurer for the said College, who shall give bond and security, payable to the trustees and their successors, for the faithful discharge of the trust reposed

in them; and shall, when required by the corporation, render an account of all monies, goods, and other chattels, received and expended by him on account of and for the use of said College; and on failure or refusal so to do, shall be subject to the like proceedings as are prescribed by law in the case of sheriffs failing to account for and pay into the treasury the public taxes on their hands.

V. *And be it further enacted*, That the said trustees, or a majority of them, shall have power to remove, or suspend the president, or any or all of the masters, at any time, on cause shown, and to supply the vacancy occasioned by such removal from office; and upon the death, resignation, or refusal to act, of the president or any of the trustees, or when there shall be a vacancy in any of the professorships, it shall be lawful for the remaining trustees, or a majority of them, to supply the same by new elections. It shall also be lawful for the president, or, in case of death, resignation, or refusal in him to act, the professors and masters for the time being, or a majority of them, to call a meeting of the trustees when he or they (as the case may be) shall see cause so to do. *Provided, nevertheless*, That the president and trustees, before they enter upon the execution of the trust reposed in them by this Act, shall severally take the following oath or affirmation to be administered by a justice of the peace of the said county of Prince Edward, and by him certified to the court of the said county, there to be recorded; that is to say: "I, A. B., do swear (or affirm) that I will, to the best of my skill and judgment, faithfully and truly discharge the duties required of me by the 'Act for incorporating the Trustees of Hampden-Sydney,' without favor, affection or partiality. So help me God." And that the clerk of the said court, for entering the same, shall receive of the trustees the sum of one Spanish milled dollar.

Amendment to Charter

In accordance with actions taken by the Synod of Virginia in Harrisonburg, Va., December 4, 1918, and by the President and Board of Trustees of Hampden-Sidney College, in Richmond, Va., December 19, 1918, and January 9, 1919, the State Corpora-

tion Commission of the Commonwealth of Virginia on the fourteenth day of February, 1919, authorized certain modifications of the Charter as follows:

1. The number of Trustees of the President and Trustees of Hampden-Sidney College shall be changed so as to be twenty-five (25).

2. The President and Trustees of Hampden-Sidney College shall be transferred to the control of a Board of Trustees directly appointed by the Synod of Virginia. The following Trustees, as nominated by the Synod of Virginia, and their successors, shall constitute the Board of Trustees of the President and Trustees of Hampden-Sidney College: Rev. F. T. McFaden, D. D., Hon. A. D. Watkins, Judge James L. Tredway, Rev. W. C. Campbell, D. D., and Hon. Peter Winston, M. D., for a term of one year; W. G. Dunnington, Esq., Paulus A. Irving, M. D., H. A. Stokes, Esq., Hon. F. B. Hutton, and A. B. Carrington, Esq., for a term of two years; Rev. W. W. Moore, D. D., Col. C. C. Lewis, Jr., J. Scott Parrish, Esq., Rev. J. B. Bittinger, D. D., and Alexander B. Dickinson, Esq., for a term of three years; Chas. A. Blanton, M. D., Hon. Don P. Halsey, Hon. Walter A. Watson, Hon. Harry R. Houston, and H. T. Holladay, Esq., for a term of four years; Rev. Ernest Thompson, D. D., Rev. W. H. T. Squires, D. D., Hon. E. Lee Trinkle, Rev. J. E. Brooker, D. D., and W. H. Robertson, Esq., for a term of five years.

Any vacancy occurring in the Board of Trustees, either by reason of death, resignation, or the expiration of the term for which any Trustee shall be chosen, shall be filled by the Synod of Virginia. The successors of all Trustees, at the expiration of their respective terms, shall be elected for five years, and any vacancy occurring during the term of any Trustee shall be filled by the said Synod for the unexpired term of said Trustee.

The President of the College shall be *ex officio* a member of the Board of Trustees.

3. The Board shall be authorized to select a Finance Committee and any other committees that may be desired by the

Board of Trustees, the members of which may or may not be members of the Board of Trustees.

4. The officers for the first year shall be the following:

PAULUS A. IRVING.....	<i>President</i>
F. T. McFADEN.....	<i>Secretary</i>
A. W. McWHORTER.....	<i>Treasurer</i>
J. H. C. WINSTON.....	<i>Curator</i>

HISTORICAL SUMMARY

Opened as Hampden-Sydney Academy, January 1, 1776.

Incorporated as Hampden-Sydney College, May, 1783.

Under the presidency of Archibald Alexander (1797-1806), increased students and endowment.

Under Jonathan P. Cushing (1821-1835), life and growth.

Under Dr. Lewis W. Green (1848-1856), a prosperous era.

Under Dr. John M. P. Atkinson (1857-1883), the distractions of the Civil War, but an administration of vigor and success.

Under Dr. Richard McIlwaine (1883-1904), the McIlwaine Hall erected, the endowment increased, the system of scholarships extended, the curriculum broadened.

The following institutions of learning were founded, or revived and reorganized, by men identified with Hampden-Sidney College:

WASHINGTON COLLEGE, Tennessee—Rev. Samuel Doak, D. D., 1795.

UNION COLLEGE, New York—First President, Rev. John Blair Smith, D. D., 1795.

TRANSYLVANIA UNIVERSITY, Kentucky—President, James Blythe, D. D.; Rev. David Rice, Rev. John Todd, Judge Caleb Wallace, Trustees of Hampden-Sidney College, 1798.

PRINCETON THEOLOGICAL SEMINARY—Rev. Archibald Alexander, D. D., LL. D., 1812.

KENTUCKY SEMINARY FOR YOUNG LADIES—Rev. James Blythe, D. D., 1818.

TUSCULUM COLLEGE, Tennessee—Rev. Samuel Doak, D. D., 1818.

FRANKLIN COLLEGE, out of which grew the University of Georgia, revived by Rev. Moses Waddell, 1818.

UNIVERSITY OF VIRGINIA—Through the joint efforts of Thomas Jefferson and Jos. C. Cabell, an alumnus of Hampden-Sidney College, 1825.

UNION THEOLOGICAL SEMINARY, Virginia—Rev. Moses Hoge, D. D., 1812; Rev. Jno. H. Rice, D. D., 1824.

AUSTIN COLLEGE, Texas—Rev. Daniel Baker, D. D., 1850.

"BAPTIST EDUCATIONAL SOCIETY," organized by Elder Edward Baptist, 1830. This Society developed into Richmond College, 1840.

THE MEDICAL COLLEGE OF VIRGINIA—Established under the charter and seal of Hampden-Sidney College, by Dr. Socrates Maupin and others, 1838.

MEDICAL SCHOOL OF RANDOLPH-MACON COLLEGE—John P. Mettauer, M. D., LL. D., 1837.

STEWART COLLEGE, out of which grew the Southwestern Presbyterian University, Rev. John B. Shearer, D. D., LL. D., 1870.

SHEPHERD COLLEGE, West Virginia—Professor Joseph McMurrin, 1872.

CENTRAL UNIVERSITY, Kentucky—Revived and thoroughly reorganized by Rev. L. H. Blanton, D. D., LL. D., 1880.

AUSTIN THEOLOGICAL SEMINARY, Texas—Rev. R. L. Dabney, D. D., LL. D., 1884.

BELHAVEN COLLEGE, Jackson, Miss.—Rev. R. V. Lancaster, D. D., first President.

LIST OF PRESIDENTS

SAMUEL STANHOPE SMITH, D. D., LL. D.	1775-1779
<i>(Afterwards President Princeton College, New Jersey.)</i>	
JOHN BLAIR SMITH, D. D.	1779-1789
<i>(Afterwards first President Union College, New York.)</i>	
DRURY LACY, D. D. (Vice-President and Acting President)	1789-1797
ARCHIBALD ALEXANDER, D. D., LL. D.	1797-1806
<i>(Founder of Princeton Theological Seminary, Princeton, N. J.)</i>	
WILLIAM S. REID, D. D. (Vice-President and Acting President)	1807
MOSES HOGE, D. D.	1807-1820
MESSRS. M. LYLE, JAS. MORTON, WM. BERKELEY, JOHN MILLER, J. P. WILSON (Committee of Board)	Sept., 1820-Sept., 1821
JONATHAN P. CUSHING, A. M.	1821-1835
GEORGE A. BAXTER, D. D. (Acting President)	1835
DANIEL LYNN CARROLL, D. D.	1835-1838
WILLIAM MAXWELL, LL. D.	1838-1844
PATRICK J. SPARROW, D. D.	1845-1847
S. B. WILSON, D. D., and F. S. SAMPSON, D. D. (Acting Presidents)	Nov., 1847-July, 1848
CHARLES MARTIN, A. B. (Acting President)	July 1848-Jan., 1849, and Sept. 1856-June, 1857
LEWIS W. GREEN, D. D.	1848-1856
REV. ALBERT L. HOLLADAY (Died before taking office)	1856
JOHN M. P. ATKINSON, D. D.	1857-1883
RICHARD McILWAINE, D. D., LL. D.	1883-1904
JAMES R. THORNTON, A. M. (Acting President)	June-Sept., 1904
WM. H. WHITING, JR., A. M. (Acting President)	1904-05 and 1908-09
J. H. C. BAGBY, PH.D. (Acting President)	June 14-Aug. 23, 1905
JAMES GRAY McALLISTER, D. D.	1905-1908
HENRY TUCKER GRAHAM, D. D.	1908-1917
ASHTON W. McWHORTER, A. M., PH.D. (Acting President)	Oct. 1, 1917-June 30, 1919
JOSEPH DUPUY EGGLESTON, A. M., LL. D.	1919-

BOARD OF TRUSTEES

THE PRESIDENT, *ex officio*

J. B. BITTINGER, D. D.....	Gerrardstown, W. Va.
CHARLES A. BLANTON, M. D.....	Richmond, Va.
J. E. BOOKER, D. D.....	Hampden-Sidney, Va.
W. C. CAMPBELL, D. D.....	Roanoke, Va.
A. B. CARRINGTON, ESQ.....	Danville, Va.
A. B. DICKINSON, ESQ.	Richmond, Va.
H. W. DU BOSE, D. D.....	Danville, Va.
HON. DON P. HALSEY.....	Lynchburg, Va.
J. NAT HARRISON, ESQ.....	Petersburg, Va.
HON. H. R. HOUSTON.....	Hampton, Va.
HON. F. B. HUTTON.....	Abingdon, Va.
PAULUS A. IRVING, M. D.....	Farmville, Va.
HON. C. P. JANNEY.....	Leesburg, Va.
F. T. MCFADEN, D. D.....	Richmond, Va.
H. W. McLAUGHLIN, D. D.	Raphine, Va.
W. W. MOORE, D. D., LL. D.....	Richmond, Va.
J. SCOTT PARRISH, ESQ.....	Richmond, Va.
COL. JOHN B. PINNER	Suffolk, Va.
W. H. T. SQUIRES, D. D.	Norfolk, Va.
ERNEST THOMPSON, D. D.....	Charleston, W. Va.
HON. E. LEE TRINKLE.....	Wytheville, Va.
A. L. TYNES, M. D.	Staunton, Va.
HON. A. D. WATKINS.....	Farmville, Va.
REV. J. HARRY WHITMORE.....	Covington, Va.
B. F. WILSON, D. D.	Harrisonburg, Va.

OFFICERS AND COMMITTEES OF THE BOARD
OF TRUSTEES

Secretary

F. T. McFADEN, Richmond, Va.

Financial Secretary

P. TULANE ATKINSON, Hampden-Sidney, Va.

EXECUTIVE COMMITTEE

THE PRESIDENT, MESSRS. BOOKER, IRVING, WATKINS

FINANCE COMMITTEE

THE PRESIDENT, MESSRS. PARRISH, CARRINGTON, BLANTON,
PINNER

AUDITING COMMITTEE

MESSRS. DICKINSON, BITTINGER

COMMITTEE ON FACULTY AND COURSES

THE PRESIDENT, MESSRS. IRVING, MOORE, HOUSTON

COMMITTEE ON BUILDING AND GROUNDS

THE PRESIDENT, MESSRS. BOOKER, DICKINSON

COMMITTEE ON ENDOWMENT

THE PRESIDENT, MESSRS. PARRISH, JANNEY, WILSON, McLAUGHLIN, TYNES

FACULTY

J. D. EGGLESTON, A. M., LL. D.

President

A. B., Hampden-Sidney College, 1886; LL. D., Washington and Lee University, 1917; LL. D., Hampden-Sidney College, 1918; Superintendent Schools, Asheville, N. C., 1891-1900; Prince Edward County, Va., 1903-5; State Superintendent Public Instruction of Va., February, 1906—Jan. 1, 1913; Chief of Field Service in Rural Education, U. S. Bureau of Education, Jan. 1, 1913—July 1, 1913; President Va. Polytechnic Institute, July 1, 1913-19; Editor and Secretary Bureau Information and Publicity, Southern Educational Board, University of Tennessee, 1902; has been Editorial Writer for leading papers in Va., N. C., Tenn.; Member Phi Beta Kappa, Beta Theta Pi. Club: University (Richmond, Va.) *Author:* (with R. W. Bruere) *The Work of the Rural School.*

A. W. McWHORTER, A. M., Ph.D.

Dean

HENRY CLAY BROCK, B. Lit.

Professor Emeritus of Greek

Student, Richmond College, 1859-61; Randolph-Macon College, 1861-62; University of Va., 1869-72, and B. Lit., U. of Va., 1872; Assistant Instructor in Latin, U. of Va., 1870-71; Associate Teacher, Kenmore University High School, 1872-79; Associate Teacher, Charlottesville High School, Charlottesville, Va., 1879-81; Master of University School, Charlottesville, Va., 1881-86; Professor of English and History, Hampden-Sidney College, 1886-89; Professor of Greek and French, *ibid.*, 1889-1911; Professor of Greek, 1911-18.

J. H. C. BAGBY, M. A., M. E., Ph. D.

Professor of Physics and Astronomy

Student, Norwood's University School, Richmond, Va.; M. A., U. of Va., 1888, M. E., 1891, and Ph. D., 1894; Teacher, Wallace's University School, Nashville, Tenn., 1888-90; Professor of Natural Philosophy, Hampden-Sidney College, 1892-98, and present position since 1898.

J. H. C. WINSTON, A. B., B. S., Ph. D.

Professor of Chemistry and Geology

A. B. and B. S., Hampden-Sidney College, 1894; Graduate Student, U. of Va., 1894-95; Professor, Tazewell College, 1895-96; Graduate Student, Johns Hopkins University, 1896-99, and Ph. D., 1899; Present position since 1899, and Acting Professor of Biology, 1917-20.

HAMPDEN-SIDNEY COLLEGE

WM. H. WHITING, Jr., A. B., A. M.

Professor of Latin and Spanish

A. B., Hampden-Sidney College, 1880, and A. M., 1882; Graduate Student, U. of Va., 1880-81; Assistant, Prince Edward Academy, Va., 1882-86; Assistant, University School, Nashville, Tenn., 1886-88; Principal, Clay Hill Academy, Millwood, Va., 1888-1902 and 1905-06; Graduate Student, Summer Session, Harvard University, 1916; Professor of Latin and German, Hampden-Sidney College, 1902-05 and 1906-11, Professor of Latin, 1911-18, and Professor of Latin and Spanish since 1918.

ASHTON W. McWHORTER, A. M., Ph. D.

Professor of Greek

A. B., Roanoke College, 1895, and A. M., 1902; Tutor in Greek, *ibid.*, 1895; Principal of High Schools in South Carolina, 1895-98; Graduate Student, Johns Hopkins University, 1898-99 and 1903-05, Phi Beta Kappa, 1904, Fellow in Greek, 1904-05, and Ph. D., 1905; Professor of Latin and English, Presbyterian College of S. C., 1899-1903; Professor of Latin and Modern Languages, Thornwell Seminary, 1899-1903; Classical Master, Sewanee Grammar School (The University of the South), 1905-06; Instructor in Greek and Latin, The George Washington University, 1906-07; Professor of English, History, and Political Science, Hampden-Sidney College, 1907-18; Present position since 1918; Professor of Latin, Summer Session, College of William and Mary, 1915 and 1916; Professor of History, *ibid.*, 1919. Member, American Philological Association and Archaeological Institute of America.

JOHN A. CLARKE, A. B., M. A.

Professor of French and German

A. B., Hampden-Sidney College, 1903; M. A., U. of Va., 1905; Professor of Languages, Cluster Springs Academy, 1905-11; Student, Summer Session, University of Grenoble, France, 1911; Student, Summer Session, University of Marburg, 1913; Graduate Student, Summer Session, Columbia University, 1915, 1916, 1917, 1918, and winter term, 1920-21; University Fellowship, *ibid.*, 1920-21; Student at the Sorbonne, Paris, spring term, 1921; Present position since 1911.

ASA D. WATKINS, A. B., B. D.

Professor of English

A. B., Hampden-Sidney College, 1894; Instructor in English, Hoge Academy, 1895-96; Principal South Boston High School, 1896-99; Student of English and A. B., Harvard University, 1899-1900; B. D., Union Theological Seminary, Va., 1903; Professor of Bible, King College, 1907-11; Instructor in Bible Courses, Fitting School, Wofford College, 1913-14; Present position since 1918.

JAMES S. MILLER, B. S., C. E., Sc. D.

Professor of Mathematics

Student, George W. Walker's School, Dublin, Va.; University of Va., 1884-86; Civil Engineer, N. & W. R. R., 1887; Graduate Student and Instructor in Mathematics and Physics, University of Va., 1887-91; B. S. and C. E., University of Va., 1889; Student, University of Goettingen, Germany, 1891-92; Sc. D., University of Va., 1893; Professor of Mathematics, Emory and Henry College, 1893-1919; Member, Phi Beta Kappa; Charter Member, Mathematical Association of America; Present position since 1920.

J. B. MASSEY, A. B., B. D., D. D.

Professor of Bible, Philosophy, and Psychology

A. B., University of N. C., 1900; B. D., Union Theological Seminary, Va., 1903; Moses D. Hoge Fellow, Union Theological Seminary, Va., 1903-04; Student, Summer Session, Columbia University, 1920; D. D., Washington and Lee University, 1920; Present position since 1919.

THOMAS CARY JOHNSON, JR., B. A., M. A.

Professor of History and Economics

B. A., Hampden-Sidney College, 1915; M. A., University of Virginia, 1916; Instructor in English, Virginia Polytechnic Institute, 1916-18 and 1919-20; U. S. Naval Air Service, 1918-19; Student, Harvard Summer Session, 1920; Present position since 1920.

THOMAS SMYTH, B. S.

Professor of Biology

B. S., Virginia Polytechnic Institute, 1920; Student, Summer Session, Biological Laboratory, Brooklyn Institute of Arts and Sciences, 1920 and 1921; Present position since 1920.

BENJAMIN D. PAINTER, A. B., B. S.

Assistant Professor of Mathematics and French

A. B., Roanoke College, 1918; B. S., Virginia Polytechnic Institute, 1921; Instructor in Mathematics and Applied Mechanics, Summer Session, Virginia Polytechnic Institute, 1921; Present position since 1921.

F. T. McFADEN, JR.

Instructor in Mathematics

OFFICERS OF THE COLLEGE

PAULUS A. IRVING, M. D.
Physician to the College

P. TULANE ATKINSON
Financial Secretary

J. H. C. BAGBY
Clerk of the Faculty

A. D. WATKINS
Librarian

COMMITTEES OF THE FACULTY

I. Catalogue

THE DEAN, PROFESSORS BAGBY AND WINSTON

*II. Courses of Study**

Senior-Junior—PROFESSOR BAGBY

Sophomore—PROFESSOR WHITING

Freshman—PROFESSOR McWHORTER

III. Entrance Requirements

THE DEAN, PROFESSORS WHITING AND WINSTON

IV. Infirmary and Sanitation

THE PRESIDENT, THE COLLEGE PHYSICIAN, AND THE FINANCIAL SECRETARY

V. Library

PROFESSORS WATKINS, WHITING, AND BAGBY

VI. Schedule

PROFESSORS WINSTON, BAGBY, AND WHITING

Athletic Council

PROFESSORS WINSTON, McWHORTER, JOHNSON, AND MESSRS. J. M. DUCK-
WALL AND J. C. WHITE

*Each student is expected to report for arrangement of work at the beginning of the year to the Professor who is named in this Section as Class Adviser.

DEGREES AND OTHER HONORS

1920-21

HONORARY DEGREES

Doctor of Laws

A. M. Fraser, D. D.....	Staunton, Va.
E. H. RICHARDSON, M. D.....	Baltimore, Md.

Doctor of Divinity

P. C. CLARKE	Shawsville, Va.'
E. E. LANE	Louisville, Ky.
CHARLES H. LEE.....	Macon, Ga.
W. C. WHITE.....	Churchville, Va.
W. E. HUDSON.....	Staunton, Va.
PROF. JNO. G. MACHEN.....	Princeton, N. J.

ACADEMIC DEGREES

Bachelor of Arts

ADAMS, PHILIP CARY.....	Roanoke, Va.
AYLOR, WALTER ELLIS	Bristow, Va.
BITTINGER, JOHN BROOKE, JR.....	Gerrardstown, W. Va.
FLEMING, WARNER LEWIS.....	Richmond, Va.
GLENN, HUSIE ATWOOD.....	Prospect, Va.
HEADLEE, THOMAS JEFFERSON.....	Farmville, Va.
LACY, JOHN ARMISTEAD.....	Meadville, Va.
NEWTON, MERRITT DEWEY	Schoolfield, Va.
WELTON, FELIX BURWELL.....	Moorefield, W. Va.
WHALEY, LEIGH CARRINGTON	Hampden-Sidney, Va.

Bachelor of Science

BARKSDALE, JULIAN NEAL, JR.....	Roanoke, Va.
BRITAIN, RUFUS	Tazewell, Va.
HUNDLEY, CHARLES CAMPBELL.....	Farmville, Va.
LACY, JOEL WATKINS, JR.	Pocomoke City, Md.
LYLE, GEORGE AVERETT	Keysville, Va.
PEERY, JOSEPH ELMO.....	North Tazewell, Va.
THWEATT, FRANK FITZGERALD, JR.....	Petersburg, Va.

THE BONDURANT PRIZE SCHOLARSHIP FOR THE JUNIOR CLASS

B. B. BREITENHIRT.....Charleston, W. Va.

THE TUCKETT PRIZE SCHOLARSHIP FOR THE SOPHOMORE CLASS

M. I. WILLIAMSMoorefield, W. Va.

THE HOUSTON PRIZE SCHOLARSHIP FOR THE FRESHMAN CLASS

M. H. BITTINGER, FirstGerardstown, W. Va.

R. L. SAGER, SecondPetersburg, Va.

PERCY ECHOLS' MINISTERIAL SCHOLARSHIP

B. B. BREITENHIRT.....Charleston, W. Va.

S. P. LEES MINISTERIAL SCHOLARSHIP.

W. N. COOK Sharps, Va.

THE BOARD OF TRUSTEES SOPHOMORE-FRESHMAN MAGAZINE MEDAL

J. W. BENJAMINHarpers Ferry, W. Va.

GEORGE W. BAGBY PRIZE.

W. R. MOODY.....Chase City, Va.

THE MAGAZINE POETRY PRIZE

J. W. BENJAMINHarpers Ferry, W. Va.

COMMENCEMENT

SUNDAY, JUNE 5TH

- 11:00 A. M.—Baccalaureate Sermon by Rev. James H. Taylor, D. D., Washington, D. C.
- 8:00 P. M.—Sermon before the Young Men's Christian Association by Rev. James H. Taylor, D. D., Washington, D. C.

WEDNESDAY, JUNE 8TH

- 4:30 P. M.—Meeting of the Board of Trustees.
- 8:30 P. M.—Reception at President Eggleston's in Honor of the Queen's Representatives, Hon. and Mrs. R. L. Craigie, of the British Embassy, Washington, D. C.

THURSDAY, JUNE 9TH

- 3:00 P. M.—Exercises Commemorating Services of Hampden-Sidney Alumni in World War.
- 8:00 P. M.—Annual Debate between the Union and Philanthropic Literary Societies.
- 9:30 P. M.—Alumni Banquet.

FRIDAY, JUNE 10TH

- 11:30 A. M.—Presentation of the McAllister Athletic Trophy to the Sophomore Class, of the Denny Track Trophy to B. H. Smith, the Lorraine Tennis Trophy to J. L. Smith, and the Inter-Collegiate Football Cup to the 1920 Football Team by Rev. E. G. Gammon, D. D.

Presentation of the Sophomore-Freshman Magazine Medal and the Magazine Poetry Prize to J. W. Benjamin, by President J. D. Eggleston.

Commencement Address by Dr. James S. Wilson, Edgar Allan Poe Professor of English Literature in the University of Virginia.

Address to the Graduates by President J. D. Eggleston.

Conferring Degrees.

Valedictory Address by Mr. J. W. Lacy, Jr., Pocomoke City, Md.

Announcements.

Benediction.

SUMMARY

Seniors	15	Sophomores	39
Juniors	32	Freshmen	94
			<hr/>
			180

From Virginia	143	From Massachusetts	1
“ West Virginia	20	“ Mississippi	1
“ Alabama	3	“ New Hampshire	1
“ Washington, D. C.	3	“ North Carolina	1
“ Arkansas	1	“ Philippine Islands	1
“ Florida	1	“ Tennessee	1
“ Kentucky	1	“ Texas	1
“ Maine	1		<hr/>
			180

NUMBER STUDYING

Astronomy	3	Greek	28
Bible	109	History	51
Biology	118	Latin	48
Chemistry	87	Mathematics	127
Economics	18	Philosophy	14
English	132	Physics	20
French	130	Political Science	10
Geology	10	Psychology	26
German	18	Spanish	38

STUDENTS ☆

Seniors

BREITENHIRT, B. B.	Charleston, W. Va.
BROWN, C. M.	Washington, D. C.
BRYAN, T. C.	Birmingham, Ala.
COOK, W. N.	Sharps, Va.
DUCKWALL, J. M., JR.	Berkeley Springs, W. Va.
DUCKWALL, J. S.	Berkeley Springs, W. Va.
EDMUNDS, L. H.	Halifax, Va.
HOLLADAY, H. T.	Orange, Va.
HUNT, H. H., JR.	Farmville, Va.
McFADEN, F. T., JR.	Richmond, Va.
MOORE, R. C.	Prospect, Va.
MORRIS, W. C.	Darlington Heights, Va.
SANDS, E. S.	Richmond, Va.
TAYLOE, T. W.	Clover, Va.
WHITE, J. C.	Chatham, Va.

Juniors

BAILEY, B. H.	Keysville, Va.
BELL, S. H.	Dublin, Va.
BRENAMAN, H. C.	Richmond, Va.
CARSON, J. G. H.	Clifton Forge, Va.
CRALLE, R. B., JR.	Farmville, Va.
EGGLESTON, J. D., JR.	Hampden-Sidney, Va.
FOWLKES, F. M.	Burkeville, Va.
GARLICK, R. C., JR.	Richmond, Va.
GILLESPIE, C. P.	Tazewell, Va.
GILMER, T. E.	Draper, Va.
HARDWICKE, C. F.	Richmond, Va.
HUGHES, M. L. T.	Danville, Va.
HUTCHESON, J. M.	Charlotte C. H., Va.

*In order to rank as a Sophomore, Junior, or Senior, the student must have to his credit 8, 22, or 40 hours, respectively, of college work.

KILMON, G. T.	Onancock, Va.
LACY, G. G.	Winchester, Va.
LUKE, J. W.	Charles Town, W. Va.
MORTON, R. P.	Keysville, Va.
PUGH, W. M.	Madisonville, Va.
ROBERTSON, ABNER	Marianna, Ark.
SANDERS, LORRAINE	Richmond, Va.
SAUNDERS, W. A.	Richmond, Va.
SCOTT, C. T.	Onancock, Va.
SMITH, B. H.	Willoughby Beach, Va.
SPINDLER, F. W.	Blackstone, Va.
STOLTZ, R. H.	Richmond, Va.
SYDNOR, H. M.	Charles Town, W. Va.
TANNER, J. A.	Gladys, Va.
WALTHALL, J. L.	Petersburg, Va.
WATKINS, I. C.	Farmville, Va.
WHEELER, H. G.	Roanoke, Va.
WILLIAMS, A. G.	Winchester, Va.
WILLIAMS, M. I.	Moorefield, W. Va.

Sophomores

ATTAYA, A. N.	Roslindale, Mass.
BAKER, L. C.	Madisonville, Va.
BEDINGER, N. A.	Charlotte C. H., Va.
BENJAMIN, J. W.	Harper's Ferry, W. Va.
BITTINGER, M. H.	Gerrardstown, W. Va.
BROWN, C. A.	North, Va.
CAMPBELL, W. W.	Warm Springs, Va.
DAY, W. O.	Waynesboro, Va.
DUNLOP, G. A., JR.	Richmond, Va.
EVANS, W. S.	Rowland, N. C.
FRIEND, C. W.	Drakes Branch, Va.
FUQUA, W. B., JR.	Radford, Va.
GARDNER, W. R.	Richmond, Va.
GEE, H. H.	Meherrin, Va.
GINN, L. H., JR.	Berryville, Va.
HARRIS, J. G.	Crimora, Va.
HARRISON, B. P.	Washington, D. C.
KRAMER, H. N.	Ronceverte, W. Va.
LOVE, R. C.	Moorefield, W. Va.
LUSH, M. A.	Burkeville, Va.
MCDONALD, J. H.	Clifton Forge, Va.

MARTIN, G. O.	Farmville, Va.
MOHR, G. A.	Blackstone, Va.
MONTGOMERY, R. M.	Kenbridge, Va.
MORGAN, B. S., JR.	Charleston, W. Va.
PHIPPS, C. L.	Gorham, N. H.
PLEASANTS, E. N.	Richmond, Va.
PUGH, W. T.	Madisonville, Va.
PUTNEY, J. W.	Farmville, Va.
RAMSEY, N. L.	Madisonville, Va.
RICHARDSON, L. F.	West Point, Va.
ROBERTS, R. R.	Richmond, Va.
SAGER, E. M.	Petersburg, Va.
SAGER, R. L.	Petersburg, Va.
SOUTHALL, J. Y.	Jetersville, Va.
TODD, G. W.	Richmond, Va.
VIERNES, A. D.	Philippine Islands
WATSON, C. W.	Hallowell, Maine
WHITE, J. F.	Richlands, Va.

Freshmen

ALLEN, D. P.	Clarksville, Va.
BABCOCK, B. W.	Appomattox, Va.
BARGER, W. C., JR.	Charleston, W. Va.
BARNWELL, W. W.	Covington, Va.
BEDINGER, J. E.	Charlotte C. H., Va.
BLANKENSHIP, C. C.	Petersburg, Va.
BLANKENSHIP, REX	Richmond, Va.
BRYAN, H. H.	Birmingham, Ala.
CARTER, C. B.	Ashland, Va.
BUCHANAN, H. S.	Saltville, Va.
CHAPPELL, E. S.	Meherrin, Va.
CLARKE, W. P.	Bluefield, W. Va.
COSTENBADER, F. D.	Norfolk, Va.
CRITZER, F. J.	Afton, Va.
CRUTCHFIELD, G. H.	Richmond, Va.
CUNNINGHAM, C. S.	Martinsburg, W. Va.
DAVIDSON, J. A.	Farmville, Va.
DUCKWALL, F. M.	Berkeley Springs, W. Va.
DUDLEY, H. J.	Richmond, Va.
DUNN, R. E.	Ashland, Va.
EDMUNDS, R. C.	Halifax, Va.
ELMORE, D. B.	Farmville, Va.

FLEMING, HAMPTON, JR.	Richmond, Va.
FERGUSON, S. L., JR.	Appomattox, Va.
FOSQUE, J. M., JR.	Onancock, Va.
GEOGHEGAN, W. A.	Danville, Va.
GILLESPIE, JAS. S.	Pounding Mill, Va.
GILLFSPIE, JOS. S.	Tazewell, Va.
GOODMAN, F. L.	Buena Vista, Va.
GRAVES, E. R.	Richmond, Va.
GRAY, R. G.	Houston, Texas
HALLER, J. G.	Wytheville, Va.
HANCOCK, B. H.	Bluefield, W. Va.
HEATWOLE, B. G.	Harrisonburg, Va.
HOLDERBY, M. A.	Rawlings, Va.
HUGHES PRESTON L.	Gladys, Va.
HUGHES, W. T., JR.	Danville, Va.
JACKSON, W. C.	Amelia, Va.
JOHNSON, W. R.	Hampton, Va.
JONES, A. G.	Blackstone, Va.
KENT, G. W.	Naruna, Va.
KNOEDLER, C. O.	Chattanooga, Va.
LEPS, J. C., JR.	Winter Haven, Fla.
LITTLE, A. A., JR.	Meridian, Va.
LOWMAN, R. P.	Covington, Va.
LUNSFORD, LEWIS	Petersburg, Va.
MCDONALD, C. W., JR.	Madison, W. Va.
McKELWAY, A. J.	Washington, D. C.
McLAUGHLIN, A. M.	Raphine, Va.
MACPHERSON, H. D.	Richmond, Va.
MADISON, C. C.	Farmville, Va.
MARSHALL, J. A.	Amelia, Va.
MARTIN, J. K.	Ronceverte, W. Va.
MONCURE, W. A., JR.	Richmond, Va.
MORTON, M. B.	Clarksville, Va.
MURRAY, P. P.	Richmond, Va.
NAFF, H. A.	Broadway, Va.
NOEL, W. W.	Farmville, Va.
NOTTINGHAM, F. I.	Cape Charles, Va.
ORGAN, J. B.	Gladys, Va.
OTT, E. L.	Staunton, Va.
PEEBLES, B. M.	Norfolk, Va.
PLUMMER, E. A.	Petersburg, Va.
REED, J. H., JR.	Richmond, Va.
REED, W. T., JR.	Richmond, Va.
REEVES, H. L.	Mount Solon, Va.

RIBBLE, W. H.	Richmond, Va.
RICHARDSON, L. W.	Farmville, Va.
ROBERTSON, A. C.	Blackstone, Va.
ROBERTSON, J. W.	Charlotte, C. H., Va.
RUSSELL, D. S.	Columbia, S. C.
SELVAGE, J. P.	Richmond, Va.
SHIFLET, A. B.	Churchville, Va.
SIMMERMAN, W. H.	Wytheville, Va.
SIMPSON, J. D.	Lucketts, Va.
SIMPSON, J. L.	Lucketts, Va.
SLIFER, E. W.	Charles Town, W. Va.
SMITH, J. R.	Norfolk, Va.
SPESSARD, T. N.	Richmond, Va.
THOMAS, W. C.	Farmville, Va.
TITUS, C. R.	Lucketts, Va.
TOWNES, S. J.	Amelia, Va.
TUCKER, H. J.	Lewisburg, W. Va.
TURNER, J. N., JR.	Campbellsville, Ky.
TYNES, W. F.	Staunton, Va.
TYSON, B. F.	Richmond, Va.
WARD, W. H.	Brownsburg, Va.
WATKINS, JOEL, JR.	Farmville, Va.
WATKINS, T. M.	Crewe, Va.
WEAVER, G. H., JR.	Birmingham, Ala.
WHITE, JOSEPH M.	Richlands, Va.
WILLIS, B. T.	Orange, Va.
WITHEROW, J. F.	Galax, Va.
YANCEY, F. W.	Baskerville, Va.

ADMISSION TO COLLEGE

The candidate for admission should apply to the President of the College for a blank certificate of admission several weeks before the opening of the session, and should have the matter of entrance definitely settled before he leaves home. He must present from the school last attended a certificate, or other satisfactory proof, of good moral character; if from another college, he must bring a certificate of honorable dismissal.

Applicants are required to report to the Financial Secretary for matriculation within forty-eight hours after their arrival. Any student, new or old, who delays matriculation beyond this limit, will be charged a special matriculation fee of \$3.00. Applicants will be enrolled as students of the College upon presentation of a card signed by the President indicating that they are eligible to enrollment, upon payment of the required fees, and upon signing the pledge to obey the regulations of the institution. They are expected also to confer at once with the proper Faculty Adviser (see page 17) for assignment of their courses of study so that they may enter upon their work at the earliest possible moment.

Students are admitted to the College either by examination, or by certificate from an accredited preparatory school. Students entering by certificate will be accredited to no class higher than Freshman. The certificate should set forth the work of the student in detail, specifying the character and content of each course offered for entrance credit, length of time devoted to the course, and the candidate's grades.

The requirements for admission are stated in units. A unit is a recitation period of forty minutes, five times a week for thirty-six weeks, devoted to the completion of an assigned amount of subject matter of high school grade.

For entrance into the Freshman Class fifteen units are required. Of these, an applicant for the B. A. degree must offer three in English, three in Latin and two and one-half in Mathematics.

ENTRANCE BY EXAMINATION

An applicant unable to offer a satisfactory certificate from an accredited secondary school may enter by passing equivalent examinations. These examinations will be held at the College, and will begin Tuesday, September 12th, at 10:00 A. M., as indicated in the Calendar, page 2.

ENTRANCE BY CERTIFICATE

A certificate, prepared by the applicant's teacher upon the official blank and accepted as satisfactory by the Committee on Entrance Requirements, will be received instead of any of the above entrance examinations. The classification of a student admitted on certificate is tentative; if the student's work in College shows insufficient preparation, he may be required to enter a lower class or to withdraw from College.

ADVANCED STANDING

Collegiate credits will not be given on certificate for work done in high schools and academies. Matriculates presenting certificates from colleges on the 15-unit basis will be given full value for the work done in such colleges; applicants from colleges requiring less than 15 units for entrance will be given such credits as the Faculty may deem proper; others, desiring advanced standing, may take examinations on those subjects for which credit is sought.

SPECIAL STUDENTS

Students desiring to pursue a particular line of study are permitted to take courses for which they are found prepared, subject, however, to the direction of the Faculty as to the amount of work required, which in all cases shall be equal to that of regular students. Such students must offer for College entrance a minimum of any seven complete units, and must be more than twenty years of age at the date of entrance.

SPECIAL NOTICE TO NEW STUDENTS

Students who room in dormitories will find that the College furnishes them a dresser, bed, mattress and springs, table and chairs; but all bed coverings, linen and like equipment should be brought with them.

The amount needed will vary with the needs of the individual. He should keep in mind the listed items above, and come prepared to make himself comfortable.

P. T. ATKINSON, *Financial Secretary*.

SYNOPSIS OF ENTRANCE REQUIREMENTS

SUBJECTS	TOPICS	UNITS
English A.....	English Grammar and Analysis (required)....	I
English B.....	Composition and Rhetoric (required).....	I
English C.....	Literature (required).....	I
English D.....	History of English and American Literature (optional)	I
Mathematics A	Algebra to Quadratics (required).....	I
*Mathematics B	Quadratics, Progression, Binomials, etc. (required)	I or ½
Mathematics C	Plane Geometry (required).....	I
Mathematics D	Solid Geometry (optional).....	½
Mathematics E	Plane Trigonometry (optional).....	½
Latin A.....	Grammar and Composition (required).....	I
Latin B.....	Cæsar—4 Books (required).....	I
Latin C.....	Cicero—6 Orations (required).....	I
Latin D.....	Vergil—6 Books (optional).....	I
History A....	General History.....	I
History B....	Greek or Roman.....	I
History C....	English History.....	I
History D....	American History and Civil Gov. }	I
History E....	Bible History.....	I
Science A....	Physiology	½
Science B....	Elements of Physics.....	I
Science C....	Elements of Chemistry.....	I
Science D....	Botany	½
Science E....	Zoölogy	½
Science F....	Physical Geography.....	½
Science G....	Manual Training.....	I
Science H....	Agriculture	I
German A....	Grammar, Reading, and Composi- tion	I
French A....	Grammar, Reading, and Composi- tion	I
Greek A.....	Grammar and Composition....	I
Greek B.....	Xenophon's Anabasis—2 Books }	I

*A half unit will be allowed, if a half session, but not as much as a full session, has been spent on this subject.

SCOPE OF ENTRANCE UNITS

ENGLISH

Three Units Required; One Unit Optional

A. **ADVANCED ENGLISH GRAMMAR.**—The student must have had thorough training in Advanced English Grammar. He should be familiar with the parts of speech and their constructions and should be able to analyze any ordinary sentence in English prose or verse. He must also show clear evidence of careful training in the structure of the sentence and of the paragraph. No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or division into paragraphs. The *mastery* of any recognized textbook of Advanced English Grammar, together with frequent exercises and rigid requirements in theme-writing, will be sufficient preparation for this part of the examination.

B. **COMPOSITION AND RHETORIC.**—A careful course in Elementary Rhetoric is also required. The student must have had some acquaintance with the figures of speech, the leading qualities of style, and the main types of composition. A thorough course in practical Rhetoric, with a proper application of the leading principles, will meet this requirement.

C. **COURSE IN PARALLEL READING.**

I. *General Reading.*—The form of examination will usually be the writing of a paragraph or two on each of several topics chosen from the list of books following. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books.

In every case knowledge of the book will be regarded as less important than the ability to write good English.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

CLASSICS IN TRANSLATION

GROUP 1.—The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XVII, XXI; the *Æneid*. The *Odyssey*, *Iliad*, and *Æneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

DRAMA

GROUP 2.—Shakespeare: *Midsummer Night's Dream*; *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*, *Coriolanus*, *Julius Cæsar*, *Macbeth*, and *Hamlet* (if not chosen for study under II).

PROSE FICTION

GROUP 3.—Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress*, Part I; Swift's *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Frances Burney's *Evelina*; Scott's novels, any one; Jane Austen's novels, any one; Maria Edgeworth's *Castle Rackrent*, or *The Absentee*; Dickens's novels, any one; Thackeray's novels any one; George Eliot's novels, any one; Mrs. Gaskell's *Cranford*; Kingsley's *Westward Ho!* or *Hereward, the Wake*; Reade's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes's *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantræ*; Cooper's novels, any one; Poe's *Selected Tales*; Hawthorne's *The House of the Seven Gables*, or *Twice-Told Tales*, or *Mosses from an Old Manse*; a collection of *Short Stories* by various standard writers.

ESSAYS, BIOGRAPHY, ETC.

GROUP 4.—Addison and Steele's *The Sir Roger de Coverley Papers*, or selections from the *Tatler* and *Spectator* (about 200 pages); Selections from Boswell's *Life of Johnson* (about 200 pages); Franklin's *Autobiography*; Selections from Irving's *Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey's *Life of Nelson*; Selections from Lamb's *Essays*

of *Elia* (about 100 pages); Selections from Lockhart's *Life of Scott* (about 200 pages); Thackeray's lectures on *Swift, Addison, and Steele* in the *English Humorists*; Macaulay, any one of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d'Arblay*; Selections from Trevelyan's *Life of Macaulay* (about 200 pages); Ruskin's *Sesame and Lilies*; or Selections (about 150 pages): Dana's *Two Years Before the Mast*; Parkman's *The Oregon Trail*; Thoreau's *Walden*; Lowell's *Selected Essays* (about 150 pages); Holmes's *The Autocrat of the Breakfast Table*; Stevenson's *An Inland Voyage and Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk*; a collection of *Essays* by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of *Letters* by various standard writers.

POETRY

GROUP 5.—Palgrave's *Golden Treasury (First Series)*, Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury (First Series)*, Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under II); Goldsmith's *The Traveller* and *The Deserted Village*; Pope's *The Rape of the Lock*; a collection of English and Scottish Ballads, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens*, and a selection from later ballads; Coleridge's *The Ancient Mariner, Cristabel*, and *Kubla Khan*; Byron's *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott's *Lady of the Lake*, or *Marmion*; Macaulay's *The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivery*; Tennyson's *The Princess*, or *Gareth and Lynette, Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus," Instans Tyrannus*; Arnold's *Sohrab and Rustum*, and *The Forsaken Merman*; selections from *American Poetry*, with special attention to Poe, Lowell, Longfellow, and Whittier.

II. Study.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

DRAMA

GROUP 1.—Shakespeare: *Julius Caesar*; *Macbeth*; *Hamlet*.

POETRY

GROUP 2.—Milton's *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley, in Book IV of Palgrave's *Golden Treasury* (*First Series*).

ORATORY

GROUP 3.—Burke's *Speech on Conciliation with America*; Macaulay's *Speech on Copyright*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

ESSAYS

GROUP 4.—Carlyle's *Essay on Burns*, with a selection from Burns's *Poems*; Macaulay's *Life of Johnson*; Emerson's *Essay on Manners*.

D. HISTORY OF ENGLISH AND AMERICAN LITERATURE.—(One additional entrance unit may be allowed for this course, but no college credit will be given.)

FRENCH

One Unit Required

For entrance to the first college class in this language, one unit must be offered, equivalent to the course in French A, page 56. This course is given to those students who have had no previous preparation in the subject. The successful completion of this course satisfies the condition in French, and admits the student to French I, the first college class in the language.

GERMAN

One Unit Required

For students unable to offer one unit in this language, but wishing to take the subject, a course, German A, is offered. In this class the work is elementary, and the drills on the rudiments are constant and thorough. The work of the course is outlined on page 57. The successful completion of this course satisfies the condition in German, and admits the student to German I, the first college class in the language.

HISTORY*Four Units Optional*

Four units may be offered for College entrance, selected from the following:

1. General History.
2. History of Greece or Rome.
3. English History.
4. American History (including Civil Government).
5. Bible History.

LATIN

A, B, and C required; D optional.

A. Beginner's Latin Book, completed.

B. First year's work reviewed, grammar and composition, four books of Caesar.

C. Grammar, composition, six Orations of Cicero. (The four Orations against Catiline, that for Archias, and that for the Manilian Law.) A more varied reading, for example, selections from Ovid or Nepos, will be accepted instead of two orations of Cicero.

D. (Optional). Vergil—six books with proper training in scansion and with satisfactory work in grammar, composition, and Roman History.

Advanced standing is granted only on the basis of an examination on D held here by the professor.

In order to enter the Freshman class in Latin applicants must show satisfactory training and proficiency in A, B, and C.

MATHEMATICS

Two and One-Half Units Required; One Unit Optional.

A. ALGEBRA TO THE THEORY OF EXPONENTS.—The four fundamental operations for rational algebraic expressions; factoring, highest common factor and lowest common multiple by factoring; fractions, including complex fractions; numerical and literal linear equations containing one or more unknown quantities; problems depending upon linear equations; involution and evolution, including square root of polynomials and arithmetical numbers; exponents, including the zero, fractional and negative; radicals. (One unit.)

B. ALGEBRA FROM QUADRATICS THROUGH THE BINOMIAL THEOREM.—Quadratic equations, both numerical and literal, equations solved by the methods of quadratics, theory of quadratics, simultaneous quadratics, problems depending upon quadratics, ratio and proportion; variation; arithmetical and geometric progression; binomial theorem for positive integral exponents. (One unit, if a full session has been devoted to the subject; otherwise, one-half unit.)

C. PLANE GEOMETRY, WITH ORIGINAL EXERCISES.—The usual theorems and constructions of good text-books; the solution of numerous original theorems and numerical exercises, including loci problems. (One unit.)

D. SOLID GEOMETRY, WITH ORIGINAL EXERCISES.—The usual theorems and constructions of good text-books; the solution of numerous original theorems and exercises, including loci problems; applications to the mensuration of surfaces and solids. (One-half unit.)

E. PLANE TRIGONOMETRY.—Definitions and relations of the six trigonometric functions as ratios; proofs of principal formulas; product formulas; trigonometric transformations; theory and use of logarithms; solution of right and oblique triangles with applications. (One-half unit.)

For admission to the Freshman Class a student must offer A, B, and C. The half units D and E are optional. A student offering either D or E, or both, is not entitled to advanced standing, nor is he exempt from taking any part of the Freshman course in Mathematics, but he should be better qualified to pursue that course with success than one who offers the minimum of two and one-half units.

Conditions will be allowed on B and C; but students deficient in Algebra (B) or in Plane Geometry must make up the work under a private tutor approved by the Professor of Mathematics, or otherwise, and must pass an examination on the subject before they are admitted to the Freshman Class in Mathematics.

SCIENCE

Four Units Optional

For admission to the College four Science units may be offered from the following selected subjects: Agriculture, Botany, Chemistry, Manual Training, Physical Geography, Physics, Physiology, Zoölogy. The scope of the course completed by the applicant will determine the amount of entrance credit.

COURSE OF STUDY

B. A. Degree
FRESHMAN CLASS

BIBLE I.—The Old Testament—Historical books; the *Bible* (American revised version); Hurlburt's *Bible Atlas*; Davis's *Bible Dictionary*. *Three hours a week.*

ENGLISH I.—Greenough and Hersey's *English Composition*; Scott and Zeitlin's *College Readings in English Prose*; Garland and Greever's *Century Handbook of Writing*; Boynton's *American Literature*. *Three Hours a week.*

*FRENCH I.—Grammar and Composition, Fraser and Squair; Pronunciation, Matzke's *Primer*; Dumas's *Monte Cristo*; Merimée's *Colomba*; Enault's *Le Chien du Capitaine*; Scribe's *Bataille de Dames*; Augier's *Le Gendre de M. Poirier*; Dumas's (Fils) *La Question D'Argent*; Molière's *Medicin Malgrè Lui*; Corneille's *Le Cid*; Racine's *Esther*; Parallel Reading. *Three hours a week.*

*GERMAN I.—Grammar and Composition; Storm's *Immensee*; Hebel's *Schatzkästlein*; Benedix's *Der Prozess*; Zschokke's *Der Zerbrochene Krug*; Gerstäcker's *Germelshausen*; Freytag's *Die Journalisten*; Schiller's *Wilhelm Tell*; Hillern's *Höher als die Kirche*; Sudermann's *Teja*; Parallel Reading. *Three hours a week.*

GREEK I.—Declensions, Conjugations, Sentence Structure, Daily Exercises; White's First Greek Book; Colson's Reader; Selections from the Anabasis. *Four hours a week.* (Three hours credit. See p. 58.)

HISTORY I.—History of Western Europe; Papers and parallel assignments; Text-books to be announced. *Three hours a week.*

LATIN I.—Grammar, Bennett; Latin Composition, Baker and Inglis; four books of Vergil's *Aeneid*; *Some of Nepos's Lives*; 314 pages of Myers's *Rome*. *Three hours a week.*

MATHEMATICS I.—Algebra and Solid Geometry.
Three hours a week.

SOPHOMORE CLASS

BIBLE II.—*First and Second Terms*: Study of the Life of Christ. *Third Term*: Study of the Life of Paul. The Bible (American revised version); Hurlburt's *Bible Atlas*; Davis's *Bible Dictionary*. Two hours a week.

BIOLOGY I.—Needham's *General Biology*. Daugherty's *Economic Zoölogy*; Pratt's *Invertebrate Zoölogy*. Three hours recitation or lecture and three hours laboratory work a week. (Four hours credit.)

ENGLISH II.—Moody and Lovett's *History of English Literature* (new edition); Manly's *English Prose*; Manly's *English Poetry*. Studies in style and principles of literary criticism. Parallel reading, essays and papers throughout the year. Three hours a week.

*FRENCH II.—Syntax of the French Verb, Armstrong; Composition; Literature, Kastner and Atkins; Rostand's *Cyrano de Bergerac*; Balzac's *Eugénie Grandet*; Daudet's *Contes Choisis*; Bowen's *French Lyrics*; Racine's *Phèdre*; Molière's *Le Bourgeois Gentilhomme*; Corneille's *Polyeucte*. Three hours a week.

*GERMAN II.—Grammar, Behagel's *Historic*; Composition, Stein; Meyers's *Der Schuss von der Kanzel*; Riehl's *Der Fluch der Schönheit*; Schiller's *Thirty Years' War* (Third Book); Schiller's *Die Braut von Messina*; Lessing's *Minna von Barnhelm*; Goethe's *Götz von Berlichingen*; Klenze's *Deutsche Gedichte*; Hosmer's *German Literature*; Parallel. Three hours a week.

*GREEK II.—Grammar; Prose Composition; Xenophon's *Anabasis*; Lysias; Herodotus; History, Oman. Three hours a week.

HISTORY II.—Europe from the Congress of Vienna, and Special Topics in Modern European History, Papers and parallel; Text-books to be announced. Three hours a week.

*LATIN II.—Grammar, Bennett; Latin Composition, Baker & Inglis; Cicero's *Old Age* (or *Friendship*), Sallust's *Jugurtha*; Horace's *Satires*; Myers's *Rome* (completed). Three hours a week.

MATHEMATICS II.—Plane and Spherical Trigonometry, Analytic Geometry. Texts to be selected. Three hours a week.

JUNIOR CLASS

CHEMISTRY I.—*General Chemistry*, Holmes; *Laboratory Manual of General Chemistry*, Holmes; *Venable's Short History*. *Recitation three hours and laboratory three hours a week.* (Four hours credit.)

*GREEK III.—Grammar; Prose Composition; Homer's *Odyssey*, Autenrieth's *Homeric Dictionary*; Demosthenes; Plato; History, Oman. *Three hours a week.*

*LATIN III.—Grammar, Gildersleeve-Lodge; Horace's *Odes and Epodes* with the study of lyric meters; Livy; Tacitus's *Agri-cola*; *Private Life of the Romans*, Johnson; Bradley's *Arnold's Latin Prose Composition*. *Three hours a week.*

PHYSICS I.—*General Physics*, Henry Crew. *Three hours a week.*

POLITICAL SCIENCE.—The Study of Modern Government, especially The American Federal State; Essays and readings throughout the year; Text-books to be announced. *Three hours a week.*

PSYCHOLOGY.—General Psychology. Text-books: Pillsbury's *Essentials of Psychology*; King's *Rational Living*. Parallel Readings and Thesis. *Two hours recitation and lecture and two hours practical work a week.* (Three hours credit.)

SENIOR CLASS

ECONOMICS.—An Introduction to the Study of Advanced Economics; The Detailed Study of Special Topics, as, The American Banking System, The Trusts, The Railroad Problem, etc.; Parallel work and papers on assigned topics; Text-books to be announced. *Three hours a week.*

PHILOSOPHY I.—Fullerton's *Introduction to Philosophy*; Gregory's *Christian Ethics*; Creighton's *Introductory Logic*. *Three hours a week.*

ELECTIVE COURSES

†ASTRONOMY.—*Elements of Astronomy*, Young. *Two hours a week.*

BIBLE III.—Book Studies in the Bible. The *Bible* (American revised version). Outlines, Commentaries, and Expositions. *Two hours a week.* (Alternates with Bible IV.)

BIBLE IV.—Evidences of Christianity. Collett's *All About the Bible. Why is Christianity True?* Mullins. Parallel Readings. *Two hours a week.* (Alternates with Bible III; will be given in 1922-23.)

BIBLE V.—Practical Christianity. Text-books vary. Thesis. *One hour a week.*

BIOLOGY II.—*First Term*—Pratt's *Vertebrate Zoölogy*; Daugherty's *Economic Zoölogy (Part on Vertebrates.)* *Second Term*—Chamberlain's *Methods in Plant Histology*. *Third Term*—Gray's *New Manual of Botany*. *One hour a week recitation or lecture, and five hours Laboratory work a week.* (Three hours credit.)

Biology III.—General Botany.—text-books to be announced. (Two hours credit.)

CHEMISTRY II.—Qualitative Analysis. Volhard and Zimmermann; *The Elements of Qualitative Chemical Analysis* (Parts III and IV), Stieglitz. Laboratory. *Five hours a week.* (Two hours credit.)

CHEMISTRY III.—Remsen's *Organic Chemistry*. *Two hours a week.*

CHEMISTRY IV.—Orndorff's *Laboratory Manual*. Laboratory. *Three hours a week.* (One hour credit.)

CHEMISTRY V.—Moore's *History of Chemistry*; Lowry's *Historical Introduction to Chemistry*. *Two hours a week.*

‡ENGLISH III-A.—*First Term*—The Plays of Shakespeare (Arden or Globe edition); Dowden's *Primer*; Lee's *Life of Shakespeare*. Lectures, parallel reading, essays, reports. *Second Term*—The Victorian Novel. Any standard edition of the text used; standard biographies, criticisms and essays. *Third Term*—The Modern Novel. Standard Editions. Lectures, parallel readings and reports. *Three hours a week.*

‡ENGLISH III-B.—*First Term*—Shakespeare. As in English III-A. Different plays in alternate years.—*Second Term*—The English Essay (not given the same year with English III-A.) Standard editions of the major English essayists. Lectures, parallel readings and reports. *Third Term*—Browning and Tennyson (not given the same year with English III-A). Standard editions. Lectures, parallel readings and reports. *Three hours a week.*

‡GEOLOGY.—Dana's *Elements of Geology*. *Two hours a week.*

*GREEK IV.—Grammar, Allen-Hadley; Gildersleeve's *Syntax*; Prose Composition; Aristophanes; Sophocles; Euripides; English editions of Greek Plays; Thucydides; History, Grote for reference. *Three hours a week.*

†GREEK V.—Grammar, Allen-Hadley; Gildersleeve's *Syntax of Classical Greek*; Goodwin's *Greek Moods and Tenses*; The Professor's Notes; Prose Composition; Plato; *The Iliad*; Aristophanes; Æschylus; Lucian; Thucydides; Murray's *Greek Literature*. *Three hours a week.*

‡HISTORY III.—Studies in English and American Constitutional History; Lectures, parallel, and papers; Text-books to be announced. *Three hours a week.*

*LATIN IV.—Grammar, Gildersleeve-Lodge; Prose Composition; Tacitus, *Germania*; Juvenal; Terence's *Adelphoe*; Plautus's *Captivi*; Kelsey's *Topics in Roman Antiquities*; MacKail's *Latin Literature*. *Three hours a week.*

MATHEMATICS III.—Analytic Geometry and Calculus. Texts to be selected. *Three hours a week.*

MATHEMATICS IV.—Differential and Integral Calculus. Texts to be selected. *Three hours a week.*

MATHEMATICS V.—Descriptive Geometry and Plane Surveying. (*Three hours credit.*)

PHILOSOPHY II.—Text-book: Cushman's *A Beginner's History of Philosophy*. *Two hours a week.*

PHYSICS II.—Laboratory Work in Physics; Millikan and Gale's *Laboratory Course in Physics*. *Three hours a week.* (One hour credit.)

PHYSICS III.—*Analytical Mechanics*, Smith and Longley. *Three hours a week.*

PHYSICS IV.—*Electricity and Magnetism*, Hough and Boehm; *Engineering Electricity*, R. G. Hunter. *Two hours a week.*

SPANISH I.—Coester's *Spanish Grammar*; Wilkins and Luria's *Lecturas Fáciles*; Carrion y Aza's *Zaragüeta*. (One hour credit on degrees.) *Three hours a week.*

SPANISH II.—Coester's *Spanish Grammar*; Composition and Conversation; Valera's *El Pájaro Verde*; Ibáñez's *La Barraca*, and *La Batalla del Marne*; Fitzmaurice-Kelly's *Spanish Literature*. *Three hours a week.* Total credit on degrees for Spanish I and II, four hours.

*Certain substitutions may be made in the Course of Study as given above, for which see "Degrees," pp. 44-46; on the same pages will be found a list of the requirements and electives for the several degrees.

†Elective for Seniors only.

‡Elective for Juniors and Seniors only.

§Either Political Science or Economics, but not both, must be offered.

TABULATION OF REQUIREMENTS FOR DEGREES

Prescribed for the B. A. Degree—

Bible I, II	5
English I, II.....	6
Mathematics I, II	6
Philosophy I	3
Psychology	3
and either	
History I, or History II.....	3
Economics, or Political Science	3
and two of the following sciences:	
Biology I	4
Chemistry I	4
Physics I	3
and one of the following combinations:	
(a) Latin I, II, and III	9
Greek I, II, III.....	9
or	
(b) Greek I, II, III, IV.....	12
Latin I, II	6
or	
(c) Latin I, II, III, or Greek I, II, III, IV.....	9 or 12
and two of the following modern languages:	
French I, II	6
German I, II	6
Spanish I, II	4
and Electives to sum up 62 hours.	

Prescribed for the B. S. Degree—

Bible I, II	5
Biology I	4
Chemistry I	4
English I, II	6
and two of the following modern languages:	
French I, II	6
German I, II	6
Spanish I, II	4
Mathematics I, II	6

Physics I, II	4
Political Science, or Economics	3
and either (A)	
Biology II	3
Chemistry II	2
Chemistry III	2
Psychology	3
or (B)	
Geology	2
Mathematics III	3
Mathematics IV or Mathematics V.....	3
Physics III	3
Electives to sum up 62 hours.	

Electives allowed in connection with

GROUP (A)		GROUP (B)	
Astronomy	2	Astronomy	2
Biology III	2	Chemistry II	2
Chemistry IV	1	Chemistry III	2
Chemistry V	2	Chemistry IV	1
Economics	3	Chemistry V	2
Geology	2	Economics	3
Latin I and II	6	Latin I and II	6
Mathematics III	3	Mathematics V or IV...	3
Mathematics IV	3	Physics IV	2
Mathematics V	3	Political Science	3
Political Science	3	Psychology	3
Physics III	3		
Physics IV	2		

Prescribed for the M. A. Degree—

	Hours
Bible I, II	5
Biology I	4
Chemistry I	4
English I, II, III	9
History I, or History II	3
Mathematics I, II, III	9

Philosophy I, II	5
Physics I	3
Psychology	3
Political Science, or Economics	3
and three of the following languages, of which one, at least, must be ancient:	
French I, II	6
German I, II	6
Spanish I, II	4
Greek I, II, III, IV, V.....	15
Latin I, II, III, IV	12
Electives to sum up 77 hours.	

Pre-Medical Course—

First Year:

Biology I
 Chemistry I
 English I
 Mathematics I
 French I, or
 German I

Second Year:

Biology II
 Chemistry II, III and IV
 Physics I and II
 French II, or
 German II

Electives must be chosen from the following groups: History I, or II, Mathematics, II, Psychology, German or French.

The pass mark in all classes is 75.

For the B. A. or B. S. degree, a candidate must complete, together with the prescribed work, enough elective courses to aggregate sixty-two hours of credit. A minimum of seventy-four hours of credit is required of a candidate for both of these degrees. Two degrees will not be awarded, however, in the same year except to one who failed to graduate with his class.

For the degree of Master of Arts enough elective courses to aggregate seventy-seven hours of credit must be added. All candidates for this degree will be required to spend an additional year of residence after the attainment of the degree of Bachelor of Arts. An average grade of 85 per cent. must be attained on the work of this additional year.

All students applying for the degrees of B. A. and B. S. make speeches in their Junior and Senior years before the Faculty and the public. (See page 81.)

Seniors shall speak on the second Thursday in November; Juniors on the first Thursday in April.

Before delivering their speeches the students shall submit them in manuscript for approval by a committee of the Faculty. The manuscript shall consist of not less than 750 words, nor more than 1500 words.

No student shall be excused from the performance of this duty at the appointed time except for reasons deemed sufficient by the Faculty; in which case a fee of five dollars shall be imposed and a later date shall be set for the speech.

SCHEDULE OF RECITATIONS AND LECTURES

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Chapel	Chapel	Chapel	Chapel	Chapel	Chapel
8:45	Bible IV (or III)	Geology	Bible IV (or III)	Geology	Biology I	German I
	Biology I	German I	Biology I	German I	German II	Greek II
9:00	German II	Greek II	German II	Greek II	Latin I	Spanish II
	Latin I	Philosophy II	Latin I	Philosophy II	Math. V.	
	Math. V.	Spanish II	Math. V.	Spanish II		
10:00	Bible I (1st)	Bible I (2nd)	Bible I (1st)	Bible I (2nd)	Bible I (1st)	Bible I (2nd)
	Chemistry I	Math. I (1st)	Chemistry I	Math. I (1st)	Chemistry I	Math. I (1st)
	Economics	Physics I	Economics	Physics I	Economics	Physics I
	Latin IV	Pol. Science	Latin IV	Pol. Science	Latin IV	Pol. Science
	Math. I (2nd)		Math. I (2nd)		Math. I (2nd)	
11:00	Bible V	Chemistry V	Bible II	Chemistry V	Bible II	English II
	English III	English II	Chemistry III	English II	Chemistry III	German A
	French A	German A	English III	French A	English III	Greek I
	Greek I	Greek I	Math. IV	Greek I	Math. IV.	Psychology
	Math. IV	Physics IV		Physics IV		
		Psychology				
12:00	English I (1st)	English I (2nd)	English I (1st)	English I (2nd)	English I (1st)	English I (2nd)
	French I (2nd)	French I (1st)	French I (2nd)	French I (1st)	French I (2nd)	French I (1st)
	Greek III	Latin II	Greek III	Latin II	Greek III	Latin II
	History III	Philosophy I	History III	Philosophy I	History III	Philosophy I
	Math. III		Math. III		Math. III	
	Biology II		Biology III		Biology III	
1:00	French II	Greek V	French II	Astronomy	French II	Astronomy
	Greek IV	History I	Greek IV	Greek V	Greek IV	Greek V
	History II	Latin III	History II	History I	History II	History I
	Physics III	Math. II	Physics III	Latin III	Physics III	Latin III
	Spanish I		Spanish I	Math. II	Spanish I	Math. II

Laboratory periods: 3:00 to 6:00 P. M.

Chemistry: Monday and Tuesday; Physics: Tuesday and Thursday; Psychology: Wednesday; Biology: Thursday and Friday.

The College Library is open to students every afternoon from 2:30 to 5:30.

OUTLINE OF WORK IN THE SEVERAL DEPARTMENTS

ASTRONOMY

PROFESSOR BAGBY

General Astronomy, mathematical and physical, constitutes the work of this class. (Credit, 2 hours.) The first months are devoted to a careful study of the geometry of the sphere as essential to the proper understanding of the astronomical methods of determining the location, distance and motions of the heavenly bodies; the members of the solar system and the bodies in the outer region of space are then successively taken up and their motions, physical features and constitution considered. Throughout the course the mathematical and physical laws by which the astronomer is guided to his conclusions and the logical development of the reasoning resulting in these conclusions are the objects of attention, the mere rehearsal of facts being deemed of secondary importance.

Only such students as have completed Physics I and Mathematics I are allowed to enter this course.

BIBLE

PROFESSOR MASSEY

The purpose of the work in this department is: (1) to lead the individual student into a Christian experience, (2) to give him a working knowledge of the great facts of the Bible, (3) to inspire him with a love for the study of the Bible, (4) to acquaint him with the best methods of Bible study. The *Bible* is the chief text-book, and the student is encouraged to study the Bible without helps and for his own personal profit. During the first two years some attention is given to Scripture memory work.

BIBLE I. (Credit, 3 hours.)

A careful study of the historical portions of the Old Testament, tracing the development of the Divine plan in the his-

tory of the Israelitish people, and culminating in the coming of the Messiah. The work is grouped for the most part about the Old Testament characters.

BIBLE II. (Credit, 2 hours.)

The first two terms are given to a careful study of the Life of Christ. The third term is devoted to a study of the Life of Paul.

BIBLE III. (Credit, 2 hours.)

Book Studies in the Bible. Some of the Prophecies of the Old Testament and some of Paul's Epistles are studied according to the Book method. (This course alternates with Bible IV, and is elective for Juniors and Seniors. Will not be given in 1922-'23.)

BIBLE IV. (Credit, 2 hours.)

Evidences of Christianity. The various philosophical theories that attempt to account for the origin of the universe and of man are studied and criticized. Following this the student is furnished with the positive arguments in favor of Christianity. (This course alternates with Bible III, and is elective for Junior and Seniors. Will be given in 1922-'23.)

BIBLE V. (Credit, 1 hour.)

Practical Christianity. The work of this course is designed to intensify the student's spiritual life and to lead him into a larger Christian service. The subjects to which attention is given are: Christian Growth, Personal Work, The Prayer Life, Stewardship, and Devotional Bible Study. (Students are admitted to this course after conference with the professor.)

BIOLOGY

PROFESSOR SMYTH.

BIOLOGY I. (Credit, 4 hours.)

First and Second Terms: General Biology. This course is designed to acquaint the student with the fundamental generalizations that are the product of modern research in Biology.

Comparative morphology, physiology, and ecology of animal and plant life are illustrated by a detailed study of types taken from the following groups: Protozoa, Bacteria, Algæ, Fungi, Coelenterata, Annelida, Anthropoda, Pteridophyta, Angiospermæ, and Vertebrata. Exactness and method in observation, care in handling material, and neatness in keeping notebooks will receive special emphasis.

Text-book: NEEDHAM'S GENERAL BIOLOGY.

Third Term: ZOOLOGY. A discussion of the classes of animals and their relationships with a view to making the student more familiar with the animal kingdom and bringing him in closer touch with the wild life around him.

Text-book: DAUGHERTY'S ECONOMIC ZOOLOGY.

Students are required to furnish their own dissecting instruments and notebooks, but such general necessary equipment as belongs to the laboratory will be furnished by the department. *Laboratory fee, \$7; breakage deposit, \$2.*

BIOLOGY II. (*Elective for those who have completed Biology I*). (Credit, 3 hours.) (One hour lecture or recitation and five hours laboratory work per week.) This class meets one lecture period per week to discuss the work of the past week and to show its relationship with that which is to follow. The pointing out of the chief things the student is to observe for himself enables him the more readily to make his observations intelligently and insures a better association of the work of the past with that of the future. The student may be called upon from time to time to make a report in certain assigned readings.

First Term: LABORATORY WORK: COMPARATIVE ANATOMY. Starting with lower types of animals and working on up to the higher types with the purpose of studying the structural characteristics of the types considered. Care in making and recording observations as well as neatness in keeping notebooks will be emphasized.

Text-book: PRATT'S ZOÖLOGY.

Second Term: HISTOLOGY. A study in microscopic technique in addition to the sectioning, staining, and mounting of microscopical slides.

Text-book: CHAMBERLAIN'S METHODS IN PLANT HISTOLOGY.

Third Term: SYSTEMATIC BOTANY. A course designed to acquaint the student with the classification of plants and the determination of species. Each student is required to analyze and determine for himself the species submitted to him and to familiarize himself with the characteristics of each order that comes under his observations.

Text-work: GRAY'S NEW MANUAL OF BOTANY.

Laboratory fees, \$10; breakage deposit, \$2.

BIOLOGY III. (*Prerequisite, Biology I.*) (Credit, 2 hours.) A two hour course in Botany including the Morphology, Physiology and Ecology of Plants.

CHEMISTRY

PROFESSOR WINSTON

I. INORGANIC CHEMISTRY. (Credit, 4 hours.)

In this course theoretical and descriptive inorganic chemistry is presented. The fundamental ideas of chemical science, the laws governing chemical change, the elements and their principal compounds are systematically brought forward with frequent allusion to the application of chemical principles in the arts, manufactures, and medicine. Instruction is given by lecture and recitation. The laboratory work is designed to go hand in hand with the class work, illustrating the lectures, and supplementing the experiments of the classroom. *Laboratory fee, \$7; breakage deposit, \$1.*

II. QUALITATIVE ANALYSIS. (*Elective for students who have completed Course I.*) (Credit, 2 hours.)

In this course the whole of the allotted time is spent in the laboratory, the course being planned to give a more thorough knowledge of chemical phenomena than is given in the first year, and to make of the careful worker a capable analyst. Typical

compounds are first taken up and their characteristic reactions studied; the subject of qualitative analysis which follows becomes thus comprehensible and assimilable. The student is drilled in the analysis of unknown solutions, mixtures of salts, alloys, ores, etc. The work is carefully supervised and assistance is given whenever necessary. *Laboratory fee, \$10; breakage deposit, \$2.*

III. ORGANIC CHEMISTRY. (*Elective for same students as Course II.*) (Credit, 2 hours.)

This course was introduced for three classes of students—those intending subsequently to pursue the study of medicine, those wishing to specialize in chemistry, and those who, interested in the laws of inorganic chemistry, desire to study their truer applications to the organic science. General relations are emphasized and illustrated by special cases of importance, while the relatively large number of compounds of minor import is rapidly surveyed. *Fee, \$5.*

IV. PREPARATION OF ORGANIC COMPOUNDS. (*Elective for students pursuing Course III.*) (Credit, 1 hour.)

Throughout the session three hours a week are spent in making many of the important compounds of carbon according to commercial and purely scientific methods. Special stress is paid to the development of proper laboratory technique; weekly notes are written on the work accomplished. *Laboratory fee. \$15; breakage deposit, \$2.*

V. HISTORY OF CHEMISTRY. (*Elective for students pursuing Course II or III.*) (Credit, 2 hours.)

This course may be taken with profit only by Seniors specializing in Chemistry, and hence familiar with its more important facts and principles. The course deals with the origin and philosophical basis of the fundamental ideas of the science, the critical periods in their development, and the personalities of the great men whose efforts have contributed to that development.

At no period has the development of Chemistry been more rapid or interesting than it is to-day; a comprehension of the past will give the student a fuller appreciation of the significance of the development of the present, and of the future.

ECONOMICS

PROFESSOR JOHNSON

GENERAL ECONOMICS. (Credit, 3 hours.)

This course may be taken by Juniors or Seniors who have completed English I and II. The principles of economics are studied. Production, consumption, distribution, exchange, present day economic problems, and economic progress are taken up in turn. Instruction is by lecture and recitation. Problems and exercises are assigned in abundance and compose a portion of each examination.

ENGLISH

PROFESSOR WATKINS

In the department of English two objects are kept steadily in view: (1) To give the student such mastery of the language as will enable him to write and speak not only with correctness and accuracy, but also with some degree of ease and grace. (2) By acquainting him directly with the great masterpieces of English and American literature, to cultivate in him a taste for good reading, and to help him develop more highly a sense of literary appreciation, as well as the faculty of constructive and creative thinking.

ENGLISH I. (Credit, 3 hours.)

For the entrance requirements in English, see pages 31-34. Introductory courses in English and American literature are presupposed for this class *and in no case is high school work to be regarded as an equivalent of work done in college*. Students preparing for college entrance should be especially drilled in the mechanics of composition, spelling, punctuation, grammar, sentence structure, paragraphing, etc. In their written work they must be able to express themselves in clear, correct, and orderly English, or they will find it impossible to keep up with the requirements of the course.

The work of this class is devoted partly to the study and practical application of the more advanced principles of Composition and Rhetoric, and partly to the study of American Poetry, Southern Literature, and selections from standard English Prose. Many essays are written, parallel reading is required, and careful training is given in the art of interpreting literary thought and expression.

ENGLISH II. (Credit, 3 hours.)

The History of English Literature. A study of the development of English literature to the present time. Special attention is paid to the development of the drama, the novel and the essay. Representative selections are examined both historically and critically.

The principles of literary criticism are constantly brought into practice and the student is everywhere encouraged to think and form judgments for himself. Essays, based on the work of the class, are assigned regularly and constitute an important feature of the course. Parallel readings, with outlines and appreciations, are also required.

ENGLISH III-A. (Credit, 3 hours, prescribed for the M. A. degree.)

a. Shakespeare. Two plays are carefully studied and one rapidly reviewed in class; other plays are assigned for reading and reports. The life of the author and the sources and development of his plays are also studied. Written work and readings. *First term.*

b. The Victorian Novel. Three novels are studied in class. Lectures are given on the art of the novelist and on the structure of his work and the development of plot and of character. Many novels are read as parallel. Reports and papers. *Second term.*

c. The Modern Novel. A rapid survey is made of the outstanding novelists of the past fifty years. Certain modern tendencies are pointed out and several important novels are reviewed in class. Reviews, appreciations and reports are required. *Third term.* For Juniors and Seniors.

ENGLISH III-B.

- a. Shakespeare. The same as in English III-A. Different plays in alternate years. *First term.*
- b. The English Essay (not given the same year with b and c of English III-A). A general survey of the essay; study of leading essayists, as Lamb, Macaulay, Arnold, Stevenson and English and American writers of the present day. *Second term.*
- c. Tennyson and Browning. A study of the spirit and teachings of the two poets; extensive readings; intensive study of certain of their major poems. *Third term.* For Juniors and Seniors.

FRENCH

PROFESSOR CLARKE

ASSISTANT PROFESSOR PAINTER

FRENCH A.—For beginners and such students as are not sufficiently prepared to enter either of the advanced classes. The course comprises the study of the elements of grammar, composition, and pronunciation, and the translation of about 200 pages of literature from such texts as Labiche's *Voyage de M. Perrichon*, Dumas's *Monte Cristo*, and a preliminary text of easy prose, such as Talbot's *Le Francais et sa Patrie*.

The college course in French embraces two years, the work being apportioned as follows:

FRENCH I. (Credit, 3 hours.) This class will make a special study of the irregular verb during the first term and will then continue the study of the more advanced principles of grammar. Exercises based upon the above grammar will be required weekly. About 600 pages of such authors as Merimée, Augier, Scribe, Molière and Corneille will be interpreted and discussed in class or read as parallel. By consistent drill in the phonetics and elementary conversation, a basis will be built up for the practical use of the language.

FRENCH II. (Credit, 3 hours.) A large part of the time will be spent in the translation and discussion of such represen-

tative authors, as Balzac, Rostand, Gautier, Daudet and Molière. The fundamentals of the grammar and syntax will be completed and exercises in prose composition based upon the above or upon portions of the prose reading will be written weekly. During the latter part of the year the History of French Literature will be studied in outline. Further opportunity will be afforded for practice in the elements of oral composition and conversation. Parallel reading is required in both classes.

GEOLOGY

PROFESSOR WINSTON

GENERAL GEOLOGY. (Credit, 2 hours.)—Physiographic, structural, dynamical, and historical geology are studied in the order named. The value of fossils in determining horizons is explained; a detailed study of the formations in this country is made with references to those of other countries wherever necessary. Special stress is laid on the phylogenetic relations of the leading groups, which are traced out in considerable detail wherever possible. A fine collection of rocks and ores presented by the Smithsonian Institution, a set of the "Educational Series of American Rocks" presented by the United States Geological Survey, and paleontological specimens from the different geological formations of this continent and Europe, furnish illustrative material for the subjects discussed.

GERMAN

PROFESSOR CLARKE

GERMAN A.—This course does not count towards a degree, and is given so that those who have no preparation in German may be prepared to enter the first college class, German I. The work of this class is elementary, but the drills on the rudiments are constant and thorough. The course embraces the elements of grammar, composition and pronunciation, and the translation of 150 or more pages of literature from such texts as Schiller's *Der Neffe als Onkel*, Zschokke's *Das Wirtshaus zu Cransac*, and *Glück Auf*.

The German course, proper, is arranged so as to be completed in two years. Progress will be rapid, and students taking these classes will find constant and diligent application necessary in order to complete successfully the work assigned.

GERMAN I. (Credit, 3 hours.)—In this class about 600 pages of literature will be translated, in addition to the study of syntax and composition.

GERMAN II. (Credit, 3 hours.)—This class will translate about seven hundred pages of literature, in addition to the grammar and composition work and the study of the history of German literature.

The courses as outlined on pages 38-39 are merely suggestive, as there will be many deviations from the scheme laid down. Every year alterations and substitutions will be made to suit the special needs of the classes concerned.

GREEK

PROFESSOR MCWHORTER

GREEK I.—While no technical preparation is required for admission to this class, it will be greatly to the advantage of the student, who is looking to the College course in Greek, to acquire in advance some knowledge of the forms and simpler facts of the language. Even a few months under a private instructor will prove beneficial. It is earnestly desired that prospective students of this course learn as much elementary Greek as possible before coming to college. Some knowledge of Latin is also highly desirable.

This class takes up the study of Greek from the beginning—by way of review as far as possible—and is carefully drilled throughout the year in forms, vocabulary, and syntax. Daily exercises in translation from English to Greek are required. As the class advances, simple passages in connected discourse are read, with selections from the Anabasis and other suitable Greek texts.

The textbooks used are White's First Greek Book and Colson's Greek Reader.

The class meets four times a week with a degree credit allowance of three hours—provided the study of Greek is continued through the third year.

GREEK II. (Credit, 3 hours.)—The reading in this class will be taken from the *Anabasis*, Books III (or IV) and VII, *Lysias*, and *Herodotus*. The *Accidence* is thoroughly reviewed, and Syntax studied and made familiar by illustrative sentences, and by weekly exercises based on the class reading. The Geography of Greece is studied during this year, and Greek History from its beginning to the period of the Athenian Supremacy.

GREEK III. (Credit, 3 hours.)—Special study of the Irregular Verbs, as also of Word-formation, forms a part of the work of this class. The Syntax is studied topically, and exercises based on the Attic prose reading are required every week. Texts read: Homer's *Odyssey*; Xenophon's *Cyropædia*; Demosthenes *On the Crown*; Plato's *Crito*. The study of the History is continued to the date of the Theban Supremacy.

GREEK IV. (Credit, 3 hours.)—This class will read *Thucydides* and *Aristophanes* during the first term, and *Demosthenes* and *Sophocles* or *Euripides* during the second and third. Study of the Syntax is continued and enforced by illustrative sentences and synopses of construction. Exercises in Attic prose, based, as in the lower classes, on the prose readings, are required weekly.

Special study is made of the portions of Greek History connected with the orations assigned.

In order to give the students as clear a knowledge as possible of the Classic drama, and to quicken their interest in the subject, some of the best English metrical versions of the dramatic writers, as Murray's *Ædipus the King*, Conington's *Agamemnon*, and Rogers's or Frère's *Aristophanes*, will be used.

GREEK V. (Credit, 3 hours.)—The forms of syntax being previously made familiar, several of Plato's dialogues, a play of *Æschylus*, and a comedy of *Aristophanes* will constitute a

part of the readings for the first term, and portions of Thucydides and Lucian, with a tragedy of Euripides, will be read during the second and third. During the first term will be read also one or more books of the Iliad and in connection therewith the history of the Homeric saga will be studied. Exercises prepared with a view to illustrating the nicer uses of the Greek particles are required fortnightly. There will be a *résumé* of the History with especial attention to the social life of the Greeks, and to recent archæological research.

Greek Literature is outlined for the classic period and studied in detail so far as the authors read in the several classes serve to represent its development. Only so much of the Prosody is taught as the readings in Epic and Dramatic Poetry make applicable.

Allen-Hadley's *Grammar* is supplemented in the Junior and Senior years by Gildersleeve's *Syntax*, Goodwin's *Moods and Tenses*, and throughout the course by the professor's notes.

A special course in New Testament Greek will be given when there is sufficient demand for it.

A course in Greek Art may also be offered in connection with Greek IV and Greek V.

HISTORY

PROFESSOR JOHNSON

HISTORY I. (Credit, 3 hours.)

This course offers a rapid survey of world history. Seventy centuries of the life of mankind are sketched in outline. Instruction is by recitation and lecture. Students are required to draw many maps and to memorize many dates; the chief purpose of the course, however, is to explain the present in the light of the past.

HISTORY II. (Credit, 3 hours.)

This course deals with modern European and American history. The nineteenth and twentieth centuries on both sides of the Atlantic are studied in detail. Economic, social, religious,

and political changes from 1789 to the present are investigated. Instruction is chiefly by recitation. An occasional paper is required and enough maps are drawn to ensure familiarity by the student with the chief features of American and European geography.

HISTORY III. (Credit, 3 hours.)

This course, open only to Seniors who have completed History I and History II is a seminar in which the subjects to be studied are chosen by the professor after conference with those taking the course.

[Teaching History and Civics. (No College credit.) For the benefit of those who intend to teach history and civics in high school or academy. A lecture course is given each spring.]

LATIN

PROFESSOR WHITING

LATIN I. (Credit, 3 hours.)

Applicants for the Freshman Class must present at least three units of high school work for admission. The work of this class, besides grammar and exercise, will include the reading of some of Nepos's Lives and four books of Vergil's *Æneid*. Sometimes the whole reading will be from Vergil, six books being read. The work in History will cover about half of Myers's *Rome*. The Dactylic Hexameter will be carefully explained and practiced.

LATIN II. (Credit, 3 hours.)

This class will carefully review forms and syntax, will complete Bennett's *Latin Grammar*, will use Baker and Inglis's *Latin Composition*, will complete Myers's *Rome* (beginning at the Empire), and will read Sallust's *Catiline* (or *Jugurtha*), Cicero's *Old Age* (or *Friendship*), and possibly one book of Horace's *Satires*, reviewing and extending the previously acquired knowledge of the Hexameter.

LATIN III. (Credit, 3 hours.)

In this class, Livy, Horace, and Tacitus will be the authors read. Proper attention will be given to the lyric meters of Horace. The Gildersleeve-Lodge grammar will be used as the basis for the syntactical work and weekly exercises will be required throughout the session. Johnson's *Private Life of the Romans* will be read as parallel.

LATIN IV. (Credit, 3 hours.)

Tacitus, Juvenal, Plautus, and Terence, with review and supplementary work in class, or as parallel, will constitute the reading of this class. In grammar, Gildersleeve-Lodge is the textbook, explained and amplified, when necessary, by the notes of the professor. Weekly exercises, intended to illustrate the nicer points of classic usage, will be assigned. The work in History will be based on Kelsey's *Topics in Roman Antiquities*. MacKail's *Latin Literature* will be studied in class.

MATHEMATICS

PROFESSOR MILLER

ASSISTANT PROFESSOR PAINTER

MATHEMATICS I. (Credit, 3 hours.)

The work of the year is divided between Algebra and Solid Geometry. The course opens with a rapid review of fundamental principles, discusses briefly the growth of the algebraic number system, introduces the methods of graphic representation in connection with the solution of sets of equations, and then proceeds to a more detailed study of such subjects as Logarithms, Undetermined Coefficients, Permutations and Combinations, Theory of Equations, Determinants, etc. The function concept is kept prominently in view as a means of connecting and unifying seemingly unrelated topics.

In solid geometry the usual theorems and propositions of the best and fullest text-books are studied including always the treatment of the incommensurable cases by the method of limits. Many exercises are solved showing both the purely practical and cultural aspects of the subject.

MATHEMATICS II. (Credit, 3 hours.)

Plane and Spherical Trigonometry, Analytic Geometry.

The student is well drilled in the use of logarithmic tables and many exercises are solved which are closely related to technical work. In spherical trigonometry the usual cases of triangle solution are considered and application is then made to the simpler problems of distances on the earth, determination of time, azimuth, etc. The work in analytic geometry begins with the fundamental principles of co-ordinate representation, considers the relation between the curve and its equation, and concludes with a more detailed study of the straight line and the circle.

MATHEMATICS III. (Credit, 3 hours.)

Analytic Geometry and Calculus.

The first part of the course is a continuation of the analytic geometry of the preceding course and gives the student a working knowledge of all the more important general methods and acquaints him with the leading properties of the conic sections. This is followed by an introductory course in the differential and integral calculus, in which the subject is approached from the viewpoint of the physicist and the engineer, and the inner meaning of its processes made clear by the use of many simple illustrative problems. At the same time care is taken to lay a perfectly logical foundation for more advanced work. Some parallel reading is here assigned and the historical and cultural values of the subject are given due prominence.

MATHEMATICS IV. (Credit, 3 hours.)

This is a continuation of Course III, and opens with a study of three dimension analytic geometry after which the time is given to a systematic course in differential and integral calculus including a brief course in differential equations. Readings in mathematical history are prescribed and certain classic problems introduced and briefly discussed.

MATHEMATICS V. (Credit, 3 hours.) Descriptive Geometry and Plane Surveying.

This course is planned primarily for those who contemplate a course in engineering to follow their college course, and who wish to do foundation work which shall be disciplinary and cultural as well as highly useful in its technical bearings. In Descriptive Geometry the general principles and methods characteristic of the subject are carefully studied and many specific exercises are assigned to illustrate and enforce the same. The course in Surveying includes the general theory of compass and transit surveying and leveling and the solution of the fundamental problems connected with each topic. Considerable time is given to the field work, and the student is made familiar with the adjustment and use of the instruments in measuring and pointing off areas, determining the length and azimuth of inaccessible lines, re-running old surveys, etc. Students taking this course will find it necessary to purchase drawing instruments and materials costing usually from \$10 to \$20. The course is open only to those who have completed Course II.

PHILOSOPHY

PROFESSOR MASSEY

PHILOSOPHY I. (Credit, 3 hours.)

The year is about equally divided among Metaphysics, Logic, and Ethics. Prerequisite, Psychology.

PHILOSOPHY II. (Credit, 2 hours.)

History of Philosophy, Ancient and Modern, tracing the leading systems of thought in their development and relation to each other, from the time of Greek Philosophy to the present time. During the third term special attention is given to the system of one great philosopher. Senior elective.

PHYSICS

PROFESSOR BAGBY

PHYSICS I. (Credit, 3 hours.)

This course is designed as an introduction to the study of General Physics; the more important phenomena of Mechanics,

Sound, Light, Heat, Electricity, and Magnetism are successively considered and copiously illustrated by experiment on the lecture table, and the conspicuous part played by physical principles in modern civilized arts is pointed out and exhibited wherever possible. With a view to laying a broad and firm foundation for advanced work in Physics, the fundamental importance of mechanical principles as the proper basis of theory in the other branches of the subject is emphasized: the principle of the conservation of energy, the nature and motion of molecules, the progress and interaction of waves, the principles of syntonny, are kept before the student's attention, and the work of the year is used to exemplify and enforce the broad sweep and paramount value of these general laws. Prerequisite, Mathematics I. *Laboratory fee, \$5.*

PHYSICS II. (Credit, 1 hour.)

This course comprises some forty simple quantitative exercises in the Mechanics of Solids, Liquids and Gases, in Sound, Light, Heat, Electricity and Magnetism, paralleling the lecture course offered in Physics I. The work of this class is designed to give to the student a more detailed knowledge of the construction and use of various forms of physical apparatus, to train him in the proper handling of such apparatus, to enhance his powers of close and accurate observation, and to teach him to treat the measurements made so as to determine from them the logical relation between the quantities involved, the physical law of which the exercise is an illustration. *Laboratory fee, \$5; breakage deposit, \$2.*

PHYSICS III.—(*For entrance to this course Physics I and Mathematics III are prerequisite.*) (Credit, 3 hours.)

The work of this class consists of a more detailed and advanced study of the principles of Mechanics with a view to laying a foundation for more advanced work in pure Physics, or for the study of the various branches of Engineering. The text-book employed is written for those having knowledge of the elements of the Differential and Integral Calculus and stress is laid on the working of numerous exercises involving these forms of Mathematics.

PHYSICS IV.—(*Prerequisites, Physics I and Mathematics III.*) (Credit, 2 hours.)

This course covers an elementary, but detailed, study of the mathematical principles of Electricity and Magnetism. The course is designed as an introduction to the study of advanced Electricity or of Electrical Engineering; the last term is devoted to a somewhat detailed study of the direct current generator.

POLITICAL SCIENCE

PROFESSOR JOHNSON

GOVERNMENT. (Credit, 3 hours.)

This class is open to Juniors or Seniors who have completed English I and II. The class deals with governmental theories and practices. A study is made of comparative governments with especial emphasis on our own federal and state institutions. Instruction is by lecture, recitation and parallel reading. Several short papers are required from each student each term.

PSYCHOLOGY

PROFESSOR MASSEY

PSYCHOLOGY. (Credit, 3 hours.)

General Psychology. An introductory course in Psychology beginning with the study of the nervous system and the physiology of the senses. This is followed by an examination of the various mental processes: habit, perception, memory, imagination, emotion, reasoning, volition, etc. During the third term emphasis is placed upon the practical value of the principles of Psychology. Parallel readings will be assigned. Two periods a week are given to class recitation and one afternoon a week is given to experiment and discussion. *Special fee, \$2.* Prerequisite, English II.

SPANISH

PROFESSOR WHITING

SPANISH I. (Credit, 1 hour.)

This is a class for beginners; but, in order to enter the class the applicant must offer, (a) three years of Latin, (b) one year of French, or (c) one year of Spanish.

Although the class meets three times a week, a College credit of one hour only will be given, as two hours are considered preparatory work—below the grade of College standards. The essential elements of the Grammar will be studied, drill in pronunciation will be emphasized, daily dictation will be given, exercises of progressive length and difficulty will be written and discussed, translation will be commenced as soon as possible and about 300 pages will be read during the session, either in class or as parallel.

SPANISH II. (Credit, 3 hours.)

This class is open to those who have completed Spanish I; or, to those, who, having had a preparatory course in high school, pass an examination for advanced standing on one hour of College work done in Spanish I. To those successfully completing both Spanish I and Spanish II, a College credit of four hours will be given as electives on the requirement for all degrees.

(For details as to texts, see page 43.)

GENERAL INFORMATION

LIBRARY

A. D. WATKINS, *Librarian*

The College Library numbers twenty-five thousand miscellaneous volumes and pamphlets. This collection, which has been forming for more than a hundred years, contains many volumes of rare interest. The books are arranged according to subjects, and catalogued alphabetically according to both titles and authors, the use of the Library being thus very much facilitated. The Government publications (in which the Library is especially rich—Hampden-Sidney College being a Government depository) are arranged by subject and in this way a vast storehouse of information is made available. The Library rooms are open every day except Sunday, and the students are encouraged to make full use of their opportunities for general reading and for independent work. The value of a well-selected library as an adjunct to a college curriculum being fully recognized, especial efforts are being made to increase still further the advantages at present offered.

Colonel C. C. Lewis, Jr., of Charleston, W. Va., of the class of 1887, and a member of the Board of Trustees, has donated to the Library the sum of \$2,500 with which to found the "Andrew Payne Lewis Memorial," in memory of his son. The income of this fund is devoted to the purchase and care of books by Virginia or Southern authors, or of literature dealing with Virginia or the South.

The Library subscribes to a number of the leading periodicals. These, with the papers and magazines to be found in the Y. M. C. A. reading room and certain publications of a special character taken by individual professors, but accessible to the members of their classes, are sufficient to enable the student to keep well abreast of the times.

THE H. TUCKER GRAHAM GYMNASIUM

This new building occupies a central position on the campus and contains a floor 46 by 90 feet, affording ample space for all gymnasium work, for basket-ball, and for other purposes as well. A gallery is provided, carrying a running track for use during the winter months; this serves also for the accommodation of spectators. The building is equipped with baths, a dressing room, and a steam-heating plant, while electric current is supplied from the Farmville lighting plant.

ATHLETICS

Venable Field, of ample size and conveniently situated, includes a football and baseball field, tennis courts, and a quarter-mile running track.

The control of all athletic matters is in the hands of the Athletic Council and the General Athletic Association. A strict limit is placed upon the number of games played away from the College. The general rules governing athletics are:

1. No one shall be a member or manager of any College athletic team who is not a regularly matriculated student; or who is under discipline for bad conduct.
2. No student under twenty-one years of age will be permitted to accompany any team for games away from the College, either as a regular member of the team, as a substitute, or as manager, except upon written permission from his parent or guardian previously addressed to the President of the College.
3. No student shall be a member of any College team until he has reported to the Athletic Council and has assured it of his eligibility under these rules.
4. Leave of absence for the purpose of playing intercollegiate games may be allowed to the baseball, football, and basketball teams, such absences not to exceed during the session six days for football, eight days for baseball, and five days for basketball.
5. The athletic teams shall not have contests elsewhere than upon the College grounds with any teams except those from

other institutions of learning, unless previously authorized by the Athletic Council.

6. No games or guarantees shall be arranged without the previous consent of the Athletic Council.

7. The number of men, including coach and manager, whose expenses will be paid on trips shall be limited in football to sixteen (16), and in baseball to thirteen (13), and in basket-ball to seven (7), except with the previous consent of the Athletic Council. The Council will not pay the expenses of those that do not travel with the teams.

8. The Athletic Council will be responsible for no expenditures which it has not previously authorized.

9. College organizations, permitted to travel by the Board of Trustees, shall not return to the College by any train scheduled to arrive at Farmville, directly or by connection, later than 4:35 A. M., Sunday, nor shall the return trip begin during Sunday.

MCALLISTER ATHLETIC TROPHY

Through the liberality of Mr. J. T. McAllister, of Hot Springs, Va., a silver loving cup was provided in 1903 as an athletic trophy to be held each year by that College class whose members make, in the aggregate during the year, the largest number of points in football, basket-ball, baseball, tennis, gymnasium work, and field and track athletics. This has done much to promote a more general interest in athletics.

THE W. B. LORRAINE TENNIS TROPHY

A cup is awarded annually to the winner of the Singles in the Tennis Tournament. This trophy becomes the permanent property of the winner of three consecutive contests. Dr. W. B. Lorraine of Richmond, Va., is the donor of the trophy.

THE DENNY TRACK TROPHY

Mr. Robert A. Denny, of Winchester, Va., has presented a trophy to be awarded each year to that member of the student body who proves himself most proficient in the 100 yards, 220 yards, 440 yards, and half-mile races in the Annual Field Day contests.

GOVERNMENT AND REGULATIONS

DISCIPLINE

The discipline of the College is in the hands of the President, Professors, and Faculty, under regulations adopted by the Board of Trustees. Its object is to maintain regularity and order in the institution, to shield its students from temptation and vice, and to cultivate among them the spirit of honor and manliness. The principle on which it proceeds is what has for many years been known in the universities and colleges of Virginia as "The Honor System," and has been found most effective in the development of good character and conduct. Fortunately, other means are seldom needed to secure the desired end, but, when necessary, they are resorted to in the form either of admonition, suspension, or dismissal, as the gravity of the offense may demand. While admonition may be administered by the President, the Professors severally, or by the Faculty, the infliction of suspension or dismissal is within the power of the Faculty only; and whenever irregularities are under investigation by that body, a student involved has the right to be heard in his own behalf, the credence that attaches to the word of a gentleman being always given to his testimony. In all cases of discipline by the Faculty the action is reported to the parent or guardian of the student involved.

The maintenance of the Honor System is primarily in the hands of the "Student Council," elected by the students themselves.

GENERAL RULES OF ABSENCE

1. No student shall leave College, Farmville to be regarded as a part of the College Community, without written permission from parent or guardian, for such absence, *presented in advance to the President* or to the officer acting in his stead and approved by him. This permission is likewise necessary for absence on

all holidays save the Christmas recess. Students are not permitted to spend the night in Farmville without the previous approval of a College officer.

2. Permission from home to travel with student organizations does not allow the managers or others to be absent from College longer than the prescribed number of days. Specific permission from home is required for a longer period of absence.

3. Every student should enter punctually on the first day of the session, or present to the Faculty satisfactory reasons for absence. *Students who have not returned to the College by 8:45 A. M. of the first day of the second term pay a fee of \$3.00.*

Parents and guardians cannot be too careful in seeing that this rule is observed. The loss of a few days at the beginning of the session, or at the beginning of a subsequent term, subjects the student to hurried and embarrassed study, and almost invariably results in a lowering of his class grades. Parents and guardians are also earnestly requested not to permit their sons or wards to be absent during the College term.

RELIGIOUS EXERCISES

Chapel exercises are held every morning, except Sunday, and students are required to attend. They must also attend church on Sunday morning in such places as their parents or guardians may request; or, without such request, in the place appointed by the Faculty.

COMPLEMENT OF HOURS REQUIRED

All Seniors whose courses lead to graduation the following June must take at least twelve hours per week as a complement, even though they may not need so many hours in order to graduate. All other students must have a minimum of fifteen hours per week; but no student may take a course of more than 18 hours a week without a special action of the Faculty.

TESTS AND MONTHLY REPORTS

Each professor keeps a daily record of the attendance and the recitations of the members of his classes. In all classes meet-

ing as often as twice a week a written test is held each month, except in the last scholastic month of a term. This test is given without warning and is graded on the same basis as a daily recitation. In the classes that meet only once a week, tests are given every second month. At the end of each month a statement of the standing in scholarship, of the number of absences from recitation, chapel and church, and of any other matters requiring particular notice, is sent to the parent or guardian of each student.

EXAMINATIONS

In the classes meeting only once a week an examination is held at the close of the session; in each of the other classes three examinations are held—one in December, one in March and one at the close of the session. These examinations, conducted by the professors severally, are usually written, but may be either oral or written, or both combined, and are designed to test thoroughly the student's knowledge of the studies pursued. On the basis of their standing for the session students are divided into three groups. Those in the first group are announced as distinguished; those in the second are sustained and permitted to advance; while those in the third are required to take the study again in class unless sustained in a re-examination covering the work of the *whole course*. Unexcused absence from examination is counted as failure.

RE-EXAMINATIONS

Re-examinations may be taken between the close of one session and the second Wednesday of the following session on such days as may be agreed upon between the professor and the candidate, but in arranging for re-examination the student is required to give the professor written notice at least two weeks in advance. One postponement, and only one, will be allowed, and that to a date not later than the first day of the second term; a fee of \$3 is charged for each postponed examination.

MINIMUM SCHOLARSHIP REQUIREMENTS

Members of the Freshman Class, at the end of the first term, must attain the passing grade in classes amounting to at least three hours a week, or they will be dropped from the College roll; at the end of the second or third term they must attain the passing grade in classes amounting to at least five hours a week, or they will be dropped from the College roll.

Members of the Sophomore Class, at the end of any term, must attain the passing grade in classes amounting to at least six hours a week, or they will be dropped from the College roll.

Members of the Junior Class, at the end of any term, must attain the passing grade in classes amounting to at least seven hours a week, or they will be dropped from the College roll.

Members of the Senior Class, at the end of any term, must reach the pass mark in classes amounting to at least eight hours a week, or they will be dropped from the College roll. Members of this Class failing at the end of the third term to reach the pass mark in classes amounting to eight hours a week must take the regular work of the Senior Class again the following session; those who, at the end of the third term, reach the pass mark in classes amounting to more than eight hours a week may make up the deficiency without residence at the College, but they must appear at the College for all examinations, and they will be graduated at the Commencement next following the date on which the last of the deficient work has been made up.

All unexcused absences are counted as zero and three unexcused absences in any one term in all classes together will cause the student to be dismissed.

Students pursuing courses that do not lead to a degree must maintain the same grade in all respects and be governed by the same conditions as regular students similarly classified.

The system outlined above tends to put the real student on his mettle. It cuts out the trifle, stirs the sluggish, and so enables the classes to progress the better with their work. The conditions imposed are reasonable enough and should prove a stimulus to more earnest and successful study.

HEALTH AND SANITATION

MEDICAL ATTENDANCE

The health and physical welfare of the students are under the supervision of the College Physician. A fee of five dollars (\$5.00), required of each student, entitles him to the services of the College Physician during the session without further charge.

INFIRMARY

The third floor of the Westminster Building, which has been purchased by the College, is used as a regular Infirmary, and has been equipped with all necessary hospital furniture. These rooms are large and amply lighted and are particularly well adapted for the purpose. Students too ill to remain in their own rooms will be transferred to the Infirmary, where they may be under the care of a regular nurse. One room in the Infirmary is reserved for a special nurse in case a student becomes ill enough to need constant attention; the services of this nurse are paid for by the student.

SANITARY ARRANGEMENTS

The sanitary arrangements of the College building are modern and complete. A supply of filtered water meets all the requirements of convenience and health, including facilities for hot and cold baths—plunge and shower. A number of chemical fire extinguishers of a most efficient make are placed in accessible locations in the various College buildings. Fire-escapes are installed within easy reach of all of the rooms in Cushing Hall.

EXPENSES

These are made up (1) of certain fees paid to the College direct and (2) of other and variable expenses.

I. FEES

1. *Regular Fees.*

Tuition, \$50, Maintenance, \$50, Room Rent in College Dormitories, with furniture, *electric lights, steam heat, and baths (two students in a room), \$75.....	\$175.00
†Athletic Fee, \$10, †Gymnasium, \$5, Medical, \$5.....	20.00
Deposit (returnable, less damage).....	5.00
	<hr/>
	\$200.00

2. *Special Fees (Science Courses).*

Laboratory fees in the Science Courses are given in the description of those courses under "Outline of Work."

All fees must be paid on date of matriculation.

Charges for breakage in Science Courses represent the actual cost of material, and any unused portion of the deposit is returned to the student at the close of the session.

In all courses in which fees are charged, a repetition of the course necessitates a repetition of the payment of the fee.

Applicants for admission to the College, whether new students or those of a former session, must matriculate within 48 hours after reaching the College or pay a *special matriculation fee* of \$3.00.

All candidates for degrees must deposit with the Financial Secretary on or before May 1st of each session a *graduation fee* of \$5.00; the fee is returned to those who fail to graduate.

*Two bulbs of 25 and 50 watts are furnished by the College; any additional bulbs are to be paid for by the occupant of the room. Use of additional current will be charged for.

†The Gymnasium and Athletic Fees cover use of, and instruction in, the Gymnasium; increased facilities in both indoor and outdoor forms of recreation; and entrance without further charge to all games played on Venable Field.

Students entering the second term are charged a tuition fee of \$30.00; those entering during the third term are charged a tuition fee of \$15.00.

Rooms in College Dormitories are rented for the *entire session only*, and when students move into private homes, there will be no remission of fees; students entering during the second term pay a rental of \$30.00, those entering during the third term a rental of \$15.00.

Rooms in College Dormitories are not reserved later than August 1st, unless each applicant for such room shall have deposited \$5.00 with the Financial Secretary on or before that date; should the applicant enter as a student, the deposit is counted as a part of the rental of the room; should he not enter, the deposit is forfeited.

All students who do not occupy rooms in College Dormitories, are required to pay a bath fee of \$5.00 per session.

All fees are payable to P. Tulane Atkinson, Financial Sec'y.

3. *Exemption from Fees.*

A student who is assigned a scholarship is relieved from payment of the tuition fee (\$50.00) for that session, but is liable for all other charges.

A candidate for the ministry who is under the care of his proper Church authorities and presents an official statement from them, is excused from the payment of the tuition fee throughout his college course. The son of a minister of any denomination is also exempt from the payment of the tuition fee.

4. *Return of Fees.*

Sixty per cent of the tuition fee, maintenance fee and room rent is returned to a student dropped from the College roll at the *end of the first term* under action of the Scholarship Rule (p. 74). When, *in the opinion of the College Physician, the health* of a student obliges him to leave College during the first term for the remainder of the session, whatever portion of the *tuition fee* for the second and third terms has been advanced by the student is refunded to him by the Financial Secretary. But in no case are other fees refunded.

II. OTHER AND VARIABLE EXPENSES

*BOARD.—A majority of the students room in College Dormitories, and take their meals either at the Students' Club or in private homes. A small number room and board in private homes.

All rooms in College Dormitories are supplied with furniture, heat and light. Both buildings have an ample equipment of baths and other modern conveniences.

The Students' Club, under the management of the students and with a lady in charge, furnishes good table board. The monthly charge represents the actual cost of food and service. Even at the present high cost of living, it averages \$22.00 a month. The table board in private families costs \$30.00 a month; a room, \$5.00 a month.

Washing, per month, will cost \$1.50 to \$2.00.

Books will cost from \$15.00 to \$20.00 for the session and are sold for cash only.

The *incidental expenses* will depend upon the habits of the student and the allowance from home. There is no more fruitful source of injury to a student than too large a supply of pocket money.

The total cost to an economical student who pays every item of expense, including College fees and every necessary outlay, need not exceed \$450.00 for the session.

SCHOLARSHIPS

The following scholarships are perpetually endowed:

The H. H. Houston Scholarship gives free tuition the following year to the student making the highest average in the Freshman Class.

*Students are not allowed to room or board except at places approved by the Faculty.

The George E. Tuckett Scholarship gives free tuition the following year to the student making the highest average in the Sophomore Class.

The B. C. Bondurant Scholarship gives free tuition the following year to the student making the highest average in the Junior Class.

The James H. Farish Memorial Scholarship.

The Dryden-Morehead Scholarships—(The money necessary to maintain four scholarships was bequeathed by Mrs. Sarah A. Dryden.)

The W. H. Cunningham Scholarship.

The Francis-Henry Allen Memorial Scholarship.

Ministerial Scholarships:

The S. P. Lees Scholarship.

The Percy Echols Memorial Scholarship.

The following Endowed Scholarships afford the recipient free tuition for one year, and expire with the session named:

The A. P. Witten Scholarship.

The Thayer Memorial Scholarship (1935-'36).

The J. I. Triplett Ministerial Scholarship (1937).

The Holmes Conrad Memorial Scholarship (1937).

The W. A. Higgs Scholarship (1937).

The Scholarship of the Third Presbyterian Church, Richmond (1925-'26).

The Scholarship of the Second Presbyterian Church, Richmond (1926-'27).

The Southside Scholarship (1931-'32).

Certain Scholarships offered by the Board of Trustees to accredited High Schools in Virginia.

All scholarships are assigned either by the President or by the Faculty and are available for one session only. They may be cancelled at any time by vote of the Faculty when the deportment or the work of the recipient is deemed unsatisfactory.

THE GEO. W. BAGBY PRIZE

Mr. and Mrs. George Gordon Battle of New York offer an annual prize of fifty dollars for the best essay written by a student of the College, dealing with ante-bellum life or history in Virginia or in the South. This prize is called "THE GEORGE W. BAGBY PRIZE," in memory of the distinguished Southern writer whose name it bears. All essays in competition must be submitted to the President not later than the 15th of May. The papers submitted must be typewritten, and the winning essay will be deposited in the College Library. In case no essay is deemed of sufficient merit the award will not be made. This prize will not be awarded a second time to the same contestant.

LITERARY SOCIETIES

Prominent among the means of culture are the two literary societies: The Union, organized in 1789, and the Philanthropic, organized in 1805. Two halls are set apart for their use in McIlwaine Hall. Each society is represented in a public exhibition on or about the 22d of February, and at Commencement, by speakers chosen from the Junior and Senior Classes.

Each society awards four medals for excellence in various lines of society work. For the session of 1920-'21 these medals were awarded as follows:

Philanthropic Society

- W. R. MOODY—Junior Essayist's Medal.
A. G. WILLIAMS—Sophomore Debater's Medal.
W. S. POAGE, JR—Freshman Declaimer's Medal.

Union Society

- P. C. ADAMS
T. J. HEADLEE } Senior Orator's Medal.
W. S. EVANS—Freshman Declaimer's Medal.

PUBLIC SPEAKING

The members of the Junior and Senior Classes are required by the Board of Trustees to deliver original orations in the Chapel at a time designated by the Faculty. The satisfactory completion of certain prescribed work in the Literary Societies is accepted in lieu of these orations. At the annual celebration of the Literary Societies on the Friday nearest the 22d of February, three representatives of each Society deliver orations. About the 10th of February the Intersociety Contest for the Halsey Debating Trophy is held in the College Chapel.

A speaker, chosen in a preliminary contest, represents the College at the annual State Intercollegiate Oratorical Contest. Representatives of the two Literary Societies from time to time engage in intercollegiate debates with teams representing other institutions in the State.

Monday and Tuesday of Commencement Week the Union and Philanthropic Societies, respectively, hold their annual public celebrations. On these occasions representatives of the two societies make addresses and a number of medals are awarded for excellence in the several phases of literary society work. On Commencement Day a valedictory address is delivered by a member of the Senior Class, elected by the Class prior to May 15th.

HALSEY TROPHY FOR DEBATE

Through the liberality of the Hon. Don P. Halsey, of Lynchburg, Va., a silver loving cup was provided in 1905, as a trophy to be contested for each year by representatives of the two literary societies in public debate, the winning society to hold the cup until the next contest. Should one society win in three successive years, the cup was to become the property of that society. This cup was awarded to the Union Society in 1915. The same donor then provided a second cup. This was won in 1916 by the Philanthropic Society, by the Union Society in 1917, and by the Philanthropic Society again in 1918, 1919, and 1920, and by the Union Society in 1921. The debate is held in February.

STUDENT PUBLICATIONS

The Hampden-Sidney Magazine, published monthly, is conducted by the societies jointly, and the Board of Trustees offers two medals, one for the best three literary articles contributed during the session by a member of the Freshman or Sophomore Class, and one for the best three contributed by a Junior or Senior, the Faculty making the award. One of these articles must be submitted to the editor by December 15th and all articles on or before May 15th.

The students of the College also publish an annual volume called *The Kaleidoscope*, of which twenty-seven volumes have been issued. This publication, intended primarily to foster college spirit, contains each year valuable articles dealing with the history of the institution, and with the lives and services of its officers or alumni.

The Hampden-Sidney Tiger, a weekly publication by the students reflecting the various phases of College life, was started in 1918-'19.

YOUNG MEN'S CHRISTIAN ASSOCIATION

1921-'22

W. N. COOK, *President*H. C. BRENAMAN, *Vice-President*L. SANDERS, *Treasurer*E. S. SANDS, *Recording Secretary*McFADEN AND SANDS, *Managers of Reading Room*

A branch of the Young Men's Christian Association is established at Hampden-Sidney, and is a potent factor in both the social and the religious life of the College. At the beginning of each session its members hold a reception, to which all those who have recently entered the College are especially invited. By this means and by means of helpful individual information and suggestion the Y. M. C. A. endeavors to make the new

men feel that they are among friends. The religious influence of the Association is exerted through weekly meetings and a number of Bible Classes and through Sunday Schools conducted at several near-by points.

The Association publishes a handbook of information and conducts a reading room. The handbook contains the data needed by every new student, and the reading room is well furnished with newspapers and magazines—both religious and secular. All students of the College are allowed the use of the reading room on payment of the regular Y. M. C. A. fee.

SOCIETY OF ALUMNI

Membership in this Society is open to all persons who have been students of the College, or who have served as trustee or professor. The dues are one dollar a year. The Secretary of the Society will be glad to receive from any source information that may help to make a complete directory of the alumni. Data in regard to the more recent alumni are especially desired.

Officers of the Society

A. B. DICKINSON, ESQ. ('89), *President*, Richmond, Va.

P. T. ATKINSON, ESQ. ('07), *Secretary-Treasurer*, Hampden-Sidney, Va.

Executive Committee

HON. R. K. BROCK ('97), *Chairman*, Hampden-Sidney, Va.

PROF. WM. H. WHITING, JR. ('80), Hampden-Sidney, Va.

G. L. WALKER, ESQ. ('10), Kenbridge, Va.

P. T. ATKINSON, ESQ. ('07), Hampden-Sidney, Va.

A. B. DICKINSON, ESQ. ('89), Richmond, Va.

Any seven or more alumni may organize themselves into a local association by electing a president and other officers and agreeing to meet at least once a year.

LOCATION

HAMPDEN-SIDNEY COLLEGE is located in Prince Edward County, Va., and is quickly reached by motor car from Farmville on the main line of the Norfolk and Western Railroad. Motor-cars meet all trains. Connection with the telegraphic system of the country is made by telephone from the College to Farmville. There is also long-distance telephone connection. The post office is a money-order office.

The locality is generally regarded as one of the most healthful in Virginia. The location of the College in the country makes it possible for a student to secure an education at a moderate cost and at the same time enables him to carry on his studies under nearly ideal conditions.

FORM OF BEQUEST

I give and bequeath to the President and Trustees of Hampden-Sidney College the sum of.....for the purpose of said institution.

LEGAL TITLE

"THE PRESIDENT AND TRUSTEES OF HAMPDEN-SIDNEY COLLEGE."

Communications on business should be addressed to the President.

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